INT. J. REMOTE SENSING, 2003, VOL. 24, NO. 24, 5397–5428

Index of Authors (with the titles of papers)

ABARCA-HERNANDEZ, F., *see* Rigol-Sanchez, J. P.
ABDON, M. M., *see* Galvão, L. S.
ACHARD, F., *see* Stibig, H.-J.
ACTON, S. T., *see* Bosworth, J.
ADAR, E., *see* Zribi, M.
AGUADO, I., *see* Chuvieco, E.
AGUADO, I., CHUVIECO, E., MARTÍN, P. and SALAS, J.: Assessment of forest fire danger conditions in southern Spain from NOAA images and meteorological indices, 1653
AIZPURU, M., *see* Saito, H.
AKONO, A., TONYÉ, E., NYOUNGOUI, A. N. and RUDANT, J.-P., Nouvelle méthodologie d'évaluation des paramètres de texture d'ordre trois, 1957
AL-HABSHI, A., *see* Saito, H.
ALSDORF, D. E., *see* Frey, K. E.
ALVAREZ, A., ORFILA, A. and SELLSCHOPP, J.: Satellite based forecasting of sea surface temperature in the Tuscan Archipelago, 2237
ALVAREZ, R., BONIFAZ, R., LUNETTA, R. S., GARCÍA, C., GÓMEZ, G., CASTRO, R., BERNAL, A. and CABRERA, A. L.: Multitemporal land-cover classification of Mexico using Landsat MSS imagery, 2501
ALVES, D. S., ESCADA, M. I. S., PEREIRA, J. L. G. and DE ALBUQUERQUE LINHARES, C.: Land use intensification and abandonment in Rondônia, Brazilian Amazônia, 899
ANANASSO, C., SANTOLERI, R., MARULLO, S. and D'ORTENZIO, F.: Remote sensing of cloud cover in the Arctic region from AVHRR data during the ARTIST experiment, 437
ANCTIL, F., *see* Mathieu, R.
ANDERSEN, P. H., *see* Eldhuset, K.
ANDERSON, G. Q. A., *see* Mason, D. C.
ANDERSON, J. M., *see* Gu, Y.
ANDERSON, K., *see* Wettle, M.
ANDRÉFOUËT, S. and ROBINSON, J. A.: The use of Space Shuttle images to improve cloud detection in mapping of tropical coral reef environments, 143
ANDRÉFOUËT, S., *see* Palandro, D.
ANDRÉFOUËT, S., HOCHBERG, E. J., PAYRI, C., ATKINSON, M. J., MULLER-KARGER, F. E. and RIPLEY, H.: Multi-scale remote sensing of microbial mats in an atoll environment, 2661
ANDRONIS, V., *see* Karathanassi, V.
ANNONI, A. and SMITS, P.: Main problems in building European environmental spatial data, 3887
APARICIO, N., *see* Royo, C.
AQID, N., *see* Zribi, M.
ARAUS, J. L., *see* Royo, C.
ARDANUY, P., *see* Chauhan, N. S.
ARLEGUI, L. E. and SORIANO, M. A.: An example of a comparison between Thematic Mapper and radar images in the central Ebro basin, 457
ARORA, M. K., *see* Chen, H.-M.
ARORA, M. K., *see* Shalan, M. A.

ATALLAH, L. and PROBERT SMITH, P. J.: Using wavelet analysis to classify and segment sonar signals scattered from underwater sea beds, 4113
ATKINS, W. H., *see* Rice, J. P.
ATKINSON, M. J., *see* Andréfouët, S.
ATKINSON, P. M., *see* Kelly, R. E. J.
ATZENI, C., *see* Pieraccini, M.
AWASSE, A., *see* Sá, A. C. L.
AYDAY, C., *see* Bilge, F.
AZEVEDO, F., *see* Crósta, A. P.

BABU RAO, C., *see* Sagar, B. S. D.
BACA, M., *see* Mazuk, S.
BADENAS, C. and ONRUBIA, J. E.: A mathematical study on effective wavenumber, an operative computation procedure, and its use with radiance–temperature relationships, 761
BADRINATH, K. V. S., *see* Murthy, C. S.
BADULIN, S. I., *see* Shrira, V. I.
BAER, S., *see* Stow, D.
BALLESTERO, D., *see* Brenes, C. L.
BALTZER, T. T., *see* Defelice, T. P.
BARBIER, C., *see* Closson, D.
BARBINI, R., COLAO, F., FANTONI, R., FERRARI, G. M., LAI, A. and PALUCCI, A.: Application of a lidar fluorosensor system to the continuous and remote monitoring of the Southern Ocean and Antarctic Ross Sea: results collected during the XIII and XV Italian oceanographic campaigns, 3191
BARBINI, R., COLAO, F., FANTONI, R., FIORANI, L. and PALUCCI, A.: Lidar fluorosensor calibration of the SeaWiFS chlorophyll algorithm in the Ross Sea, 3205
BARBINI, R., FANTONI, R., PALUCCI, A., COLAO, F., SANDRINI, S., CERADINI, S., TOSITTI, L., TUBERTINI, O. and FERRARI, G. M.: Simultaneous measurements of remote lidar chlorophyll and surface CO_2 distributions in the Ross Sea, 3807
BARET, F., *see* Danson, F. M.
BARET, F., *see* Jacob, F.
BARET, F., *see* Weidong, L.
BARKER, J. L., *see* Markham, B. L.
BARNES, R. A., CLARK, D. K., ESAIAS, W. E., FARGION, G. S., FELDMAN, G. C. and MCCLAIN, C. R.: Development of a consistent multi-sensor global ocean colour time series, 4047
BARNIER, B., *see* Garnier, E.
BARRETO, P., *see* Monteiro, A. L.
BARTALEV, S. A., BELWARD, A. S., ERCHOV, D. V. and ISAEV, A. S.: A new SPOT4-VEGETATION derived land cover map of Northern Eurasia, 1977
BARTHOLOMÉ, E., *see* Cabral, A.
BAUGH, K., *see* Henderson, M.
BELLAN, M. F., *see* Saito, H.
BELOTTI, V., *see* Gamba, P.
BELWARD, A., BINAGHI, E., BRIVIO, P. A., LANZARONE, G. A. and TOSI, G.: Preface, 3885
BELWARD, A. S., *see* Bartalev, S. A.
BENDER, S. C., *see* Rice, J. P.
BENEDIKTSSON, J. A., *see* Ulfarsson, M. O.
BENNARTZ, R. and MICHELSON, D. B.: Correlation of precipitation estimates from spaceborne passive microwave sensors and weather radar imagery for BALTEX PIDCAP, 723
BERGERON, N. E., *see* Carbonneau, P. E.
BERNAL, A., *see* Alvarez, R.
BERTRAND, C., *see* Clerbaux, N.
BEUCHLE, R., *see* Stibig, H.-J.

BHANDARI, S. M., *see* Vyas, N. K.
BHATTACHARYA, B. K. and DADHWAL, V. K.: Retrieval and validation of land surface temperature (LST) from NOAA AVHRR thermal images of Gujarat, India, 1197
BI, S. W., *see* Chen, G.
BIANCHI, C., SCIACCA, U., TABACCO, E., ZIRIZZOTTI, A. and ZUCCHERETTI, E.: On the shape of reflecting surfaces investigated by a 60 MHz radar, 3049
BIGGS, D. C., *see* Hu, C.
BIGING, G. S., *see* Gong, P.
BIGING, G. S., *see* Pu, R.
BILGE, F., YAZICI, B., DOGEROGLU, T. and AYDAY, C.: Statistical evaluation of remotely sensed data for water quality monitoring, 5317
BINAGHI, E., *see* Belward, A.
BINAGHI, E., *see* Brivio, P. A.
BINAGHI, E., GALLO, I. and PEPE, M.: A neural adaptive model for feature extraction and recognition in high resolution remote sensing imagery, 3947
BINDING, C. E., BOWERS, D. G. and MITCHELSON-JACOB, E.-G.: An algorithm for the retrieval of suspended sediment concentrations in the Irish Sea from SeaWiFS ocean colour satellite imagery, 3791
BING, Z., *see* Weidong, L.
BISTRANSIN, M., *see* Mazuk, S.
BLACK, S. E., HELDER, D. L. and SCHILLER, S. J.: Irradiance-based cross-calibration of Landsat-5 and Landsat-7 Thematic Mapper sensors, 287
BLACKBURN, G. A., *see* Meza Diaz, B.
BLACKWELL, C. F., *see* Dupigny-Giroux, L.-A.
BLACKWELL, G. K., *see* Moore, A. B.
BLAMONT, D., *see* Raffy, M.
BLASCO, F., *see* Saito, H.
BLESA, F., *see* Lara, M.
BLONG, R., *see* Chen, K.
BLUMBERG, D. G., LEHAHN, Y. and YACOBI, Y. Z.: Utilizing fenyeng 1C (FY-1C) to monitor ocean colour and water quality: a demonstration experiment in the eastern mediterranean, 1393
BOBYLEV, L., *see* Pozdnyakov, D.
BOBYLEV, L. P., *see* Miles, V. V.
BOER, M. M. and PUIGDEFÁBREGAS, J.: Predicting potential vegetation index values as a reference for the assessment and monitoring of dryland condition, 1135
BOGLIOLO, M. P., *see* Corradini, S.
BOGNÁR, P.: Correction of the effect of Sun–sensor–target geometry in NOAA AVHRR data, 2153
BOGNÁR, P., *see* Brown, S. W.
BOISVERT, J., *see* Mathieu, R.
BOLES, S. H., *see* Salas, W. A.
BONIFAZ, R., *see* Alvarez, R.
BONN, F., *see* Sahebi, M. R.
BORDE, R., *see* Dubuisson, P.
BORDE, R., RAMON, D., SCHMECHTIG, C. and SANTER, R.: Extension of the DDV concept to retrieve aerosol properties over land from the Modular Optoelectronic Scanner (MOS) sensor, 1439
BORTOLOT, Z. J. and WYNNE, R. H.: A method for predicting fresh green leaf nitrogen concentrations from shortwave infrared reflectance spectra acquired at the canopy level that requires no *in situ* nitrogen data, 619
BOSWORTH, J., KOSHIMIZU, T. and ACTON, S. T.: Multi-resolution segmentation of soil moisture imagery by watershed pyramids with region merging, 741
BOURRAS, D. and LIU, W. T.: Regional correction of ocean surface specific humidity derived from satellite sensor data, 3163
BOUSSEMA, M. R., *see* Zribi, M.

Bowers, D. G., *see* Binding, C. E.
Boynton, W. L., *see* Hope, A. S.
Bradbury, R. B., *see* Mason, D. C.
Braga, C. Z. F., Vianna, M. L. and Kjerfve, B.: Environmental characterization of a hypersaline coastal lagoon from Landsat-5 Thematic Mapper data, 3219
Brass, J. A., *see* Peterson, D. L.
Brenes, C. L., Coen, J. E., Chelton, D. B., Enfield, D. B., León, S. and Ballestero, D.: Wind driven upwelling in the Gulf of Nicoya, Costa Rica, 1127
Bréon, F.-M., *see* Grant, I. F.
Briess, K., *see* Oertel, D.
Briess, K., Jahn, H., Lorenz, E., Oertel, D., Skrbek, W. and Zhukov, B.: Fire recognition potential of the bi-spectral Infrared Detection (BIRD) satellite, 865
Briggs, S., *see* Frazier, P.
Briole, P., *see* Sykioti, O.
Bristow, S., *see* Dupigny-Giroux, L.-A.
Brivio, P. A., *see* Belward, A.
Brivio, P. A., *see* Giardino, C.
Brivio, P. A., *see* Reguzzoni, M.
Brivio, P. A., Maggi, M., Binaghi, E. and Gallo, I.: Mapping burned surfaces in Sub-Saharan Africa based on multi-temporal neural classification, 4003
Brodie, C., *see* Crósta, A. P.
Brown, S. L., *see* Thomson, A. G.
Brown, S. W. and Johnson, B. C.: Development of a portable integrating sphere source for the Earth Observing System's calibration validation programme, 215
Brown, S. W., *see* Johnson, B. C.
Brueggemann, H., *see* Oertel, D.
Brunsell, N. A. and Gillies, R. R.: Determination of scaling characteristics of AVHRR data with wavelets: application to SGP97, 2945
Bruzzone, L., Casadio, S., Cossu, R., Sini, F. and Zehner, C.: A system for monitoring NO_2 emissions from biomass burning by using GOME and ATSR-2 data, 1709
Bulgarelli, B. and Zibordi, G.: Remote sensing of ocean colour: accuracy assessment of an approximate atmospheric correction method, 491
Buongiorno, A., *see* Kelhä, V.
Buongiorno, M. F., *see* Corradini, S.
Burenina, T. A., *see* Kharuk, V. I.
Burgan, R. E., *see* Carlson, J. D.
Burke, E. J. and Simmonds, L. P.: Effects of sub-pixel heterogeneity on the retrieval of soil moisture from passive microwave radiometry, 2085
Bustos, O. H., *see* Mejail, M. E.
Buydens, L. M. C., *see* Kooistra, L.

Cablk, M. E. and Minor, T. B.: Detecting and discriminating impervious cover with high-resolution IKONOS data using principal component analysis and morphological operators, 4627
Cabral, A., de Vasconcelos, M. J. P., Pereira, J. M. C., Bartholomé, É. and Mayaux, P.: Multi-temporal compositing approaches for SPOT-4 VEGETATION, 3343
Cabrera, A. L., *see* Alvarez, R.
Cadet, J.-P., *see* Dhont, D.
Call, K. A., Hardy, J. T. and Wallin, D. O.: Coral reef habitat discrimination using multivariate spectral analysis and satellite remote sensing, 2627
Calvo, S., Ciraolo, G. and La Loggia, G.: Monitoring *Posidonia oceanica* meadows in a Mediterranean coastal lagoon (Stagnone, Italy) by means of neural network and ISODATA classification methods, 2703

CAMPS, A., TORRES, F., LOPEZ-DEKKER, P. and FRASIER, S. J.: Redundant space calibration of hexagonal and Y-shaped beamforming radars and interferometric radiometers, 5183
CAO, C., *see* Rao, C. R. N.
CARAUX GARSON, D. and LACAZE, B.: Monitoring Leaf Area Index of Mediterranean oak woodlands: comparison of remotely-sensed estimates with simulations from an ecological process-based model, 3441
CARBONNEAU, P. E., LANE, S. N. and BERGERON, N. E.: Cost-effective non-metric close-range digital photogrammetry and its application to a study of coarse gravel river beds, 2837
CARDER, K. L., *see* Hu, C.
CARLSON, J. D. and BURGAN, R. E.: Review of users' needs in operational fire danger estimation: the Oklahoma example, 1601
CARNEC, C., *see* Raucoules, D.
CARO, T. M., *see* Pelkey, N. W.
CARRARA, P., FRESTA, G. and RAMPINI, A.: BANCO: an SVG-based approach to create Web sites for the management of remote sensing, spatial and non-spatial data, 3903
CARREIRAS, J. M. B., PEREIRA, J. M. C., SHIMABUKURO, Y. E. and STROPPIANA, D.: Evaluation of compositing algorithms over the Brazilian Amazon using SPOT-4 VEGETATION data, 3427
CARRÈRE, V., *see* Schmechtig, C.
CARTALIS, C., *see* Chrysoulakis, N.
CASADESUS, J., *see* Royo, C.
CASADIO, S., *see* Bruzzone, L.
CASAGLI, N., *see* Pieraccini, M.
CASAS, A. M., *see* Cortés, A. L.
CASELLES, V., *see* Rubio, E.
CASTRO, K. L., SANCHEZ-AZOFEIFA, G. A. and RIVARD, B.: Review article. Monitoring secondary tropical forests using space-borne data: implications for Central America, 1853
CASTRO, R., *see* Alvarez, R.
CEBULA, R. P., *see* Huang, L. K.
CEBULA, R. P., *see* Jaross, G.
CEBULA, R. P., *see* Taylor, S. L.
CECCHI, R., *see* Teggi, S.
CERADINI, S., *see* Barbini, R.
CHAN, J. C.-W., LAPORTE, N. and DEFRIES, R. S.: Texture classification of logged forests in tropical Africa using machine-learning algorithms, 1401
CHATTERJEE, R. S., PRABAKARAN, B. and JHA, V. K.: Fusion of surface relief data with high spectral and spatial resolution satellite remote sensor data for deciphering geological information in a mature topographic terrain, 4761
CHATURVEDI, N. and NARAIN, A.: Technical note. Chlorophyll distribution pattern in the Arabian Sea: seasonal and regional variability, as observed from SeaWiFS data, 511
CHAUHAN, N. S., MILLER, S. and ARDANUY, P.: Spaceborne soil moisture estimation at high resolution: a microwave-optical/IR synergistic approach, 4599
CHELTON, D. B., *see* Brenes, C. L.
CHEN, C., SHI, P. and ZHAN, H.: A local algorithm for estimation of yellow substance (gelbstoff) in coastal waters from SeaWiFS data: Pearl River estuary, China, 1171
CHEN, C. W., *see* Gelautz, M.
CHEN, G., BI, S. W. and MA, J.: Global structure of marine wind speed variability derived from TOPLX altimeter data, 5119
CHEN, H.-M., ARORA, M. K. and VARSHNEY, P. K.: Mutual information-based image registration for remote sensing data, 3701
CHEN, J., *see* Chen, Z.
CHEN, J., *see* Yamano, H.
CHEN, K. and BLONG, R.: Identifying the characteristic scale of scene variation in fine spatial resolution imagery with wavelet transform-based sub-image statistics, 1983

CHEN, L.: A study of applying genetic programming to reservoir trophic state evaluation using remote sensor data, 2265
CHEN, L., *see* Kunte, P. D.
CHEN, P.-Y., SRINIVASAN, R., FEDOSEJEVS, G. and KINIRY, J. R.: Evaluating different NDVI composite techniques using NOAA-14 AVHRR data, 3403
CHEN, Z., CHEN, J., SHI, P. and TAMURA, M.: An IHS-based change detection approach for assessment of urban expansion impact on arable land loss in China, 1353
CHI, G., *see* Li, Y.
CHI, H., *see* Chrysoulakis, N.
CHI, H.: Practical atmospheric correction of NOAA-AVHRR data using the bare-sand soil line method, 3369
CHICA-OLMO, M., *see* Rigol-Sanchez, J. P.
CHOROWICZ, J., *see* Dhont, D.
CHRISTOPHER, S. A., *see* Liu, X.
CHRYSOULAKIS, N. and CARTALIS, C.: A new algorithm for the detection of plumes caused by industrial accidents, based on NOAA/AVHRR imagery, 3353
CHRYSOULAKIS, N. and CARTALIS, C.: TAD—a new satellite image analysis software tool for the detection of major fires caused by technological accidents, 1259
CHU, D. A., *see* Kaufman, Y. J.
CHUI, A. M., *see* Karpouzli, E.
CHUNG, Y.-S.: Cover. Satellite detection of forest fires in Korea and associated smoke plumes, 1
CHUVIECO, E., *see* Aguado, I.
CHUVIECO, E., AGUADO, I., COCERO, D. and RIAÑO, D.: Design of an empirical index to estimate fuel moisture content from NOAA-AVHRR images in forest fire danger studies, 1621
CIARLETTI, V., *see* Zribi, M.
CIERNIEWSKI, J. and KARNIELI, A.: Virtual surfaces simulating the bidirectional reflectance of semiarid soils, 1469
CIRAOLO, G., *see* Calvo, S.
CLARK, C. D., *see* Stokes, C. R.
CLARK, D. K., *see* Barnes, R. A.
CLERBAUX, N., IPE, A., BERTRAND, C., DEWITTE, S., NICULA, B. and GONZALEZ, L.: Evidence of azimuthal anisotropy for the thermal infrared radiation leaving the Earth's atmosphere, 3005
CLOSSON, D., KARAKI, N. A., HANSEN, H., DERAUW, D., BARBIER, C. and OZER, A.: Space-borne radar interferometric mapping of precursory deformations of a dyke collapse, Dead Sea area, Jordan, 843
COBBY, D. M., *see* Mason, D. C.
COCERO, D., *see* Chuvieco, E.
COEN, J. E., *see* Brenes, C. L.
COHEN, W. B., *see* Kennedy, R. E.
COLAO, F., *see* Barbini, R.
COLL, C., *see* Rubio, E.
CONKRIGHT, M. E. and GREGG, W. W.: Comparison of global chlorophyll climatologies: *In situ*, CZCS, Blended *in situ*-CZCS and SeaWiFS, 969
CORNER, B. R., NARAYANAN, R. M. and REICHENBACH, S. E.: Noise estimation in remote sensing imagery using data masking, 689
CORRADINI, S., PUGNAGHI, S., TEGGI, S., BUONGIORNO, M. F. and BOGLIOLO, M. P.: Will ASTER see the Etna SO_2 plume?, 1207
CORSINI, G., DIANI, M., GRASSO, R., DE MARTINO, M., MANTERO, P. and SERPICO, S. B.: Radial Basis Function and Multilayer Perceptron neural networks for sea water optically active parameter estimation in case II waters: a comparison, 3917
CORTÉS, A. L., SORIANO, M. A., MAESTRO, A. and CASAS, A. M.: The role of tectonic inheritance in the development of recent fracture systems, Duero Basin, Spain, 4325
COSSU, R., *see* Bruzzone, L.

COSTA, L. F., *see* Medeiros, F. N. S.
COULTER, L., *see* Stow, D.
COX, R., *see* Thomson, A. G.
CRACKNELL, A. P., *see* Efstathiou, M. N.
CRÓSTA, A. P., DE SOUZA FILHO, C. R., AZEVEDO, F. and BRODIE, C.: Targeting key alteration minerals in epithermal deposits in Patagonia, Argentina, using ASTER imagery and principal component analysis, 4233
CUOMO, V., *see* Lasaponara, R.
CURRAN, P. J., *see* Dawson, T. P.
CURRAN, P. J., *see* Wicks, T. E.
CZAPLEWSKI, R. L.: Can a sample of Landsat sensor scenes reliably estimate the global extent of tropical deforestation?, 1409
CZAPLEWSKI, R. L., *see* Chan, J. C.-W.

DADHWAL, V. K., *see* Bhattacharya, B. K.
DAESCHNER, S., *see* Stow, D.
DAI, F. C., LEE, C. F. and WANG, S. J.: Characterization of rainfall-induced landslides, 4817
DANSON, F. M., ROWLAND, C. S. and BARET, F.: Training a neural network with a canopy reflectance model to estimate crop leaf area index, 4891
DASH, M. K., *see* Vyas, N. K.
DATLA, R. U., *see* Pollock, D. B.
DAVENPORT, I. J., *see* Mason, D. C.
DAVIE, T. J. A., *see* Kelly, R. E. J.
DAVIS, C. H. and WANG, X.: Planimetric accuracy of Ikonos 1 m panchromatic orthoimage products and their utility for local government GIS basemap applications, 4267
DAWSON, T. P., NORTH, P. R. J., PLUMMER, S. E. and CURRAN, P. J.: Forest ecosystem chlorophyll content: implications for remotely sensed estimates of net primary productivity, 611
DAYA SAGAR, B. S., MURTHY, M. B. R., BABU RAO, C. and RAJ, B.: Morphological approach to extract ridge and valley connectivity networks from Digital Elevation Models, 573
DE ALBUQUERQUE LINHARES, C., *see* Alves, D. S.
DEAN, A. M. and SMITH, G. M.: An evaluation of per-parcel land cover mapping using maximum likelihood class probabilities, 2905
DEFELICE, T. P., LLOYD, D., MEYER, D. J., BALTZER, T. T. and PIRAINO, P.: Technical note. Water vapour correction of the daily 1 km AVHRR global land dataset: part I – validation and use of the Water Vapour input field, 2365
DEFOURNY, P., *see* Giri, C.
DEFRIES, R. S., *see* Chan, J. C.-W.
DE GROEVE, T., *see* Giada, S.
DEHAAN, R. and TAYLOR, G. R.: Image-derived spectral endmembers as indicators of salinisation, 775
DE JEU, R. A. M. and OWE, M.: Further validation of a new methodology for surface moisture and vegetation optical depth retrieval, 4559
DE JONG, S. M., PEBESMA, E. J. and LACAZE, B.: Above-ground biomass assessment of Mediterranean forests using airborne imaging spectrometry: the DAIS Peyne experiment, 1505
DELAND, M. T., *see* Huang, L. K.
DELAND, M. T., *see* Taylor, S. L.
DELL'ACQUA, F., *see* Gamba, P.
DE MARTINO., *see* Corsini, G.
DEMATTÊ, J. A. M. and NANNI, M. R.: Weathering sequence of soils developed from basalt as evaluated by laboratory (IRIS), airborne (AVIRIS) and orbital (TM) sensors, 4715
DEMIRHAN, M., ÖZPINAR, A. and ÖZDAMAR, L.: Performance evaluation of spatial interpolation methods in the presence of noise, 1237

DE MOURA, M. L. and GALVÃO, L. S.: Smoke effects on NDVI determination of savannah vegetation types, 4225
DENG, M. and LI, Y.: Use of SeaWiFS imagery to detect three-dimensional distribution of suspended sediment, 519
DERAUW, D., *see* Closson, D.
DE SALVO, P., *see* Oindo, B. O.
DE SOUZA FILHO, C. R., *see* Crósta, A. P.
DESSAILLY, D., *see* Dubuisson, P.
DE VASCONCELOS, M. J. P., *see* Cabral, A.
DE VRIES, A. C., KUSTAS, W. P., RITCHIE, J. C., KLAASSEN, W., MENENTI, M., RANGO, A. and PRUEGER, J. H.: Effective aerodynamic roughness estimated from airborne laser altimeter measurements of surface features, 1545
DEWIDAR, Kh. M. and FRIHY, O. E.: Thematic Mapper analysis to identify geomorphologic and sediment texture of El Tineh plain, north-western coast of Sinai, Egypt, 2377
DEWITTE, S., *see* Clerbaux, N.
DE WULF, R. R., *see* Mertens, K. C.
DHONT, D., CHOROWICZ, J. and CADET, J.-P.: Detection of compression structures from SAR ERS imagery: example of the central Japan seismic area, 559
DIANI, M., *see* Corsini, G.
DÍAZ-DELGADO, R., LLORET, F. and PONS, X.: Influence of fire severity on plant regeneration by means of remote sensing imagery, 1751
DI BELLA, C., *see* Guerschman, J. P.
DOGEROGLU, T., *see* Bilge, F.
DONG, Y., FORSTER, B. C. and MILNE, A. K.: Comparison of radar image segmentation by Gaussian- and Gamma-Markov random field models, 711
D'ORTENZIO, F., *see* Ananasso, C.
DOUGLAS, D., *see* Stow, D.
DOUGLAS, D. C., *see* Hope, A. S.
DUBINSKY, Z., *see* Sokoletsky, L.
DUBUISSON, P., *see* Schmechtig, C.
DUBUISSON, P., BORDE, R., DESSAILLY, D. and SANTER, R.: In-flight spectral calibration of the oxygen A-band channel of MERIS, 1177
DUCHEYNE, E. I., *see* Mertens, K. C.
DUCHON, C. E., *see* Hale, R. C.
DUGUAY, C. R. and LAFLEUR, P. M.: Determining depth and ice thickness of shallow sub-Arctic lakes using space-borne optical and SAR data, 475
DUNAGAN, S., *see* Peterson, D. L.
DUPIGNY-GIROUX, L.-A., BLACKWELL, C. F., BRISTOW, S. and OLSON, G. M.: Vegetation response to ice disturbance and consecutive moisture extremes, 2105
DUSTAN, P., *see* Palandro, D.
DWIVEDI, R. M., *see* Solanki, H. U.
DWIVEDI, R. S. and RAMANA, K. V.: The delineation of reclamative groups of ravines in the Indo-Gangetic alluvial plains using IRS-1D LISS-III data, 4347
DYMOND, J. R., *see* Shepherd, J. D.

EFSTATHIOU, M. N., VAROTSOS, C. A., SINGH, R. P., CRACKNELL, A. P. and TZANIS, C.: On the longitude dependence of total ozone trends over middle-latitudes, 1361
EHRLICH, D., *see* Giada, S.
ELDHUSET, K., ANDERSEN, P. H., HAUGE, S., ISAKSSON, E. and WEYDAHL, D. J.: ERS tandem InSAR processing for DEM generation, glacier motion estimation and coherence analysis on Svalbard, 1415
ELGERED, G., *see* Jarlemark, P.
ELIAS, P., *see* Sykioti, O.

ELIPE, A., *see* Lara, M.
EL KHARRAZ, J., *see* Sobrino, J. A.
ELLIOTT, R., *see* Oldak, A.
EL-MAGD, I. A. and TANTON, T. W.: Improvements in land use mapping for irrigated agriculture from satellite sensor data using a multi-stage maximum likelihood classification, 4197
EL SALEOUS, N., *see* Ouaidrari, H.
ELVIDGE, C., *see* Henderson, M.
EMRAHOĞLU, N., YEĞINGIL, İ., PEŞTEMALCI, V., ŞENKAL, O. and KANDIRMAZ, H. M.: Comparison of a new algorithm with the supervised classifications, 649
ENFIELD, D. B., *see* Brenes, C. L.
EPIPHANIO, J. C. N., *see* Ippoliti-Ramilo, G. A.
EPPELDAUER, G. P., *see* Johnson, B. C.
ERCHOV, D. V., *see* Bartalev, S. A.
ESAIAS, W. E., *see* Barnes, R. A.
ESCADA, M. I. S., *see* Alves, D. S.
ESPLIN, R., *see* Hansen, S.
EVANGELISTA-SALAZAR, M., *see* Galindo, I.

FADAIE, K., *see* Varma, H.
FANG, H., *see* Van Niel, T. G.
FANTONI, R., *see* Barbini, R.
FARGION, G. S., *see* Barnes, R. A.
FEDOSEJEVS, G., *see* Chen, P.-Y.
FEDOTOVA, E. V., *see* Kharuk, V. I.
FELDMAN, G. C., *see* Barnes, R. A.
FERRARI, G. M., *see* Barbini, R.
FERREIRA, N. J., *see* Gurgel, H. C.
FERRIER, G., *see* Wettle, M.
FILATOV, N., *see* Pozdnyakov, D.
FIORANI, L., *see* Barbini, R.
FISCHER, H., *see* Schroedter, M.
FLYNN, L., *see* Rothery, D. A.
FOODY, G. M., *see* Tansock, J. J.
FOODY, G. M.: Remote sensing of tropical forest environments: towards the monitoring of environmental resources for sustainable development, 4035
FORSTER, B. C., *see* Dong, Y.
FOSTER-SMITH, R. L. and SOTHERAN, I. S.: Mapping marine benthic biotopes using acoustic ground discrimination systems, 2761
FOSTER-SMITH, R. L., *see* White, W. H.
FRANKLIN, S. E., HALL, R. J., SMITH, L. and GERYLO, G. R.: Discrimination of conifer height, age and crown closure classes using Landsat-5 TM imagery in the Canadian Northwest Territories, 1823
FRASER, R. H., *see* Ichoku, C.
FRASIER, S. J., *see* Camps, A.
FRAUENBERGER, O., *see* Kelhä, V.
FRAZIER, P., PAGE, K., LOUIS, J., BRIGGS, S. and ROBERTSON, A. I.: Relating wetland inundation to river flow using Landsat TM data, 3755
FRERY, A. C., *see* Mejail, M. E.
FRESTA, G., *see* Carrara, P.
FREY, K. E., SMITH, L. C. and ALSDORF, D. E.: Controls on Eurasian coastal sea ice formation, melt onset and decay from ERS scatterometry: regional contrasts and effects of river influx, 5283
FRIEDL, M. A., *see* Lotsch, A.
FRIHY, O. E., *see* Dewidar, Kh. M.

FROGER, J.-L., *see* Kerle, N.
FROLKING, S., *see* Salas, W. A.
FU, B. and LIN, A.: Spatial distribution of the surface rupture zone associated with the 2001 Ms 8.1 Central Kunlun earthquake, northern Tibet, revealed by satellite remote sensing data, 2191
FUKUYAMA, K., *see* Nonomura, A.
FULLER, D. O., WILLIAMSON, R. A. and JEFFE, M.: Cover. IKONOS imagery for mapping transportation infrastructure, 4625
FULLER, R. M., *see* Thomson, A. G.

GALINDO, I., LÓPEZ-PÉREZ, P. and EVANGELISTA-SALAZAR, M.: Real-time AVHRR forest fire detection in Mexico (1998–2000), 9
GALLO, I., *see* Binaghi, E.
GALLO, I., *see* Brivio, P. A.
GALVÃO, L. S., *see* de Moura, M. L.
GALVÃO, L. S., PEREIRA FILHO, W., ABDON, M. M., NOVO, E. M. M. L., SILVA, J. S. V. and PONZONI, F. J.: Spectral reflectance characterization of shallow lakes from the Brazilian Pantanal wetlands with field and airborne hyperspectral data, 4093
GAMBA, P. and BELOTTI, V.: Two fast buried pipe detection schemes in Ground Penetrating Radar images, 2467
GAMBA, P. and DELL'ACQUA, F.: Increased accuracy multiband urban classification using a neuro-fuzzy classifier, 827
GAMBA, P., DELL'ACQUA, F. and HOUSHMAND, B.: Comparison and fusion of LIDAR and InSAR digital elevation models over urban areas, 4289
GANAS, A. and LAGIOS, E.: Landsat 7 night imaging of the Nissyros Volcano, Greece, 1579
GAO, J., *see* Zha, Y.
GAONAC'H, H., LOVEJOY, S. and SCHERTZER, D.: Resolution dependence of infrared imagery of active thermal features at Kilauea Volcano, 2323
GARCÍA, C., *see* Alvarez, R.
GARCÍA, E., *see* Lira, J.
GARCIA, J. C., *see* Zribi, M.
GARCIA, M. I., *see* Karpouzli, E.
GARNIER, E., VERRON, J. and BARNIER, B.: Variability of the South Atlantic upper ocean circulation: a data assimilation experiment with 5 years of TOPEX/POSEIDON altimeter observations, 911
GE, S., *see* Pu, R.
GELAUTZ, M., PAILLOU, P., CHEN, C. W. and ZEBKER, H. A.: Radar stereo- and interferometry-derived digital elevation models: comparison and combination using Radarsat and ERS-2 imagery, 5243
GEMMELL, F., *see* Theseira, M. A.
GENELETTI, D. and GORTE, B. G. H.: A method for object-oriented land cover classification combining Landsat TM data and aerial photographs, 1273
GENS, R., *see* Corner, B. R.
GENS, R.: Tutorial review. Two-dimensional phase unwrapping for radar interferometry: developments and new challenges, 703
GERARD, F., *see* Gong, P.
GERARD, F.: Single angle, dual angle and multi-temporal viewing: assessing through modelling the implications for forest structure variable extraction, 1317
GERYLO, G. R., *see* Franklin, S. E.
GESELL, G., *see* Kriebel, K. T.
GHOSH, S. K., *see* Shalan, M. A.
GIADA, S., DE GROEVE, T., EHRLICH, D. and SOILLE, P.: Cover. Can satellite images provide useful information on refugee camps?, 4249

GIADA, S., DE GROEVE, T., EHRLICH, D. and SOILLE, P.: Information extraction from very high resolution satellite imagery over Lukole refugee camp, Tanzania, 4251
GIALLORENZI, M. C., *see* Guerschman, J. P.
GIARDINO, C. and BRIVIO, P. A.: The application of a dedicated device to acquire bidirectional reflectance factors over natural surfaces, 2989
GIESKE, A., *see* Jaross, G.
GIESKE, A.: The iterative flux-profile method for remote sensing applications, 3291
GIGLIO, L. and JUSTICE, C. O.: Effect of wavelength selection on characterization of fire size and temperature, 3515
GIGLIO, L., *see* Ichoku, C.
GIGLIO, L., *see* Kaufman, Y. J.
GIGLIO, L., KENDALL, J. D. and MACK, R.: A multi-year active fire dataset for the tropics derived from the TRMM VIRS, 4505
GILLIES, R. R., *see* Brunsell, N. A.
GIN, K. Y.-H., KOH, S. T. and LIN, I.-I.: Spectral irradiance profiles of suspended marine clay for the estimation of suspended sediment concentration in tropical waters, 3235
GIRI, C., DEFOURNY, P. and SHRESTHA, S.: Land cover characterization and mapping of continental Southeast Asia using multi-resolution satellite sensor data, 4181
GITELSON, A., *see* Iluz, D.
GOÏTA, K., WALKER, A. E. and GOODISON, B. E.: Algorithm development for the estimation of snow water equivalent in the boreal forest using passive microwave data, 1097
GOLDAMMER, J. G., *see* Oertel, D.
GÓMEZ, G., *see* Alvarez, R.
GONG, D.-Y. and SHI, P.-J.: Northern hemispheric NDVI variations associated with large-scale climate indices in spring, 2559
GONG, P., *see* Henderson, M.
GONG, P., *see* Pan, Y.
GONG, P., *see* Pu, R.
GONG, P., *see* Xu, B.
GONG, P., *see* Zhang, Q.
GONG, P., MAHLER, S. A., BIGING, G. S. and NEWBURN, D. A.: Vineyard identification in an oak woodland landscape with airborne digital camera imagery, 1303
GONZALEZ, L., *see* Clerbaux, N.
GOODISON, B. E., *see* Goïta, K.
GORDLEY, L. L., *see* Tansock, J. J.
GORTE, B. G. H., *see* Geneletti, D.
GOWARD, S. N., *see* Ouaidrari, H.
GOYVAERTS, K., *see* Lambin, E. F.
GRANT, I. F., BRÉON, F.-M. and LEROY, M. M.: First observation of the hot spot from space at sub-degree angular resolution using POLDER data, 1103
GRASSO, R., *see* Corsini, G.
GREGG, W. W., *see* Conkright, M. E.
GRÉGOIRE, J.-M., *see* Stroppiana, D.
GRÉGOIRE, J.-M., TANSEY K. and SILVA J. M. N.: The GBA2000 initiative: developing a global burnt area database from SPOT-VEGETATION imagery, 1369
GRIFFITH, J. A., STEHMAN, S. V., SOHL, T. L. and LOVELAND, T. R.: Detecting trends in landscape pattern metrics over a 20-year period using a sampling-based monitoring programme, 175
GROCOTT, J., *see* Leech, D. P.
GU, X. F., *see* Jacob, F.
GU, Y. and ANDERSON, J. M.: Geometric processing of hyperspectral image data acquired by VIFIS on board light aircraft, 4681
GUAN, H., *see* Zhang, X.
GUERSCHMAN, J. P., PARUELO, J. M., DI BELLA, C., GIALLORENZI, M. C. and PACIN, F.: Land cover classification in the Argentine Pampas using multi-temporal Landsat TM data, 3381

Guifei, J., *see* Yunhao, C.
Gulati, D. K., *see* Solanki, H. U.
Guneriussen, T. and Johnsen, H.: Fully polarimetric airborne SAR and ERS SAR observations of snow: implications for selection of ENVISAT ASAR modes, 3839
Guo, H., *see* Li, X.
Gurgel, H. C. and Ferreira, N. J.: Annual and interannual variability of NDVI in Brazil and its connections with climate, 3595
Gwyn, Q. H. J., *see* Sahebi, M. R.

Habbane, M., *see* Varma, H.
Haertel, V., *see* Pizzolato Angelo, N.
Hale, R. C. and Duchon, C. E.: Use of AVHRR-derived surface temperatures in evaluating a land–atmosphere model, 4527
Hall, R. J., *see* Franklin, S. E.
Halle, W., *see* Oertel, D.
Häme, T., *see* Kelhä, V.
Hammer, P., *see* Peterson, D. L.
Han, L. and Rundquist, D. C.: The spectral responses of *Ceratophyllum demersum* at varying depths in an experimental tank, 859
Hann, D. B., Smith, A. M. S. and Powell, A. K.: Technical note. Classification of off-diagonal points in a co-occurrence matrix1957, 1949
Hanocq, J.-F., *see* Jacob, F.
Hansen, H., *see* Closson, D.
Hansen, L. B., *see* Kamstrup, N.
Hansen, S., *see* Tansock, J. J.
Hansen, S., Peterson, J., Esplin, R. and Tansock, J.: Component level prediction versus system level measurement of SABER relative spectral response, 389
Hao, W. M., *see* Kaufman, Y. J.
Harborne, A. R., *see* White, W. H.
Hardman-Mountford, N. J. and McGlade, J. M.: Seasonal and interannual variability of oceanographic processes in the Gulf of Guinea: an investigation using AVHRR sea surface temperature data, 3247
Hardy, J. T., *see* Call, K. A.
Harris, R.: Cover. Transformed Landsat image of Monastir, 1413
Harris, R., *see* Chan, J. C.-W.
Harris, R., *see* Dai, F. C.
Harris, R.: Remote sensing of agriculture change in Oman, 4835
Hauge, S., *see* Eldhuset, K.
He, C., *see* Pan, Y.
He, W., *see* Li, P.
Heidinger, A. K., Sullivan, J. T. and Rao, C. R. N.: Calibration of visible and near-infrared channels of the NOAA-12 AVHRR using time series of observations over deserts, 3635
Held, A., Ticehurst, C., Lymburner, L. and Williams, N.: High resolution mapping of tropical mangrove ecosystems using hyperspectral and radar remote sensing, 2739
Held, A. C., *see* Oertel, D.
Helder, D. L., *see* Liew, S.-W.
Helder, D. L., *see* Black, S. E.
Henderson, M., Yeh, E. T., Gong, P., Elvidge, C. and Baugh, K.: Validation of urban boundaries derived from global night-time satellite imagery, 595
Hicks, D. M., *see* Westaway, R. M.
Hill, J., *see* Hostert, P.
Hille, M., *see* Oertel, D.

Hirtle, H. and Rencz, A.: The relation between spectral reflectance and dissolved organic carbon in lake water: Kejimkujik National Park, Nova Scotia, Canada, 953
Hisaki, Y.: Doppler spectrum of radio wave scattering from ocean-like moving surfaces for a finite illuminated area, 3075
Hisaki, Y., *see* Kelly, R. E. J.
Hochberg, E. J., *see* Andréfouët, S.
Hope, A., *see* Stow, D.
Hope, A. S., Boynton, W. L., Stow, D. A. and Douglas, D. C.: Interannual growth dynamics of vegetation in the Kuparuk River watershed, Alaska based on the Normalized Difference Vegetation Index, 3413
Hostert, P., Röder, A., Hill, J., Udelhoven, T. and Tsiourlis, G.: Retrospective studies of grazing-induced land degradation: a case study in central Crete, Greece, 4019
Houshmand, B., *see* Gamba, P.
Hu, C., Muller-Karger, F. E., Biggs, D. C., Carder, K. L., Nababan, B., Nadeau, D. and Vanderbloemen, J.: Comparison of ship and satellite bio-optical measurements on the continental margin of the NE Gulf of Mexico, 2597
Huang, C. and Townshend, J. R. G.: A stepwise regression tree for nonlinear approximation: applications to estimating subpixel land cover, 75
Huang, L. K., Cebula, R. P., Taylor, S. L., Deland, M. T., McPeters, R. D. and Stolarski, R. S.: Determination of NOAA-11 SBUV/2 radiance sensitivity drift based on meaurements of polar ice cap radiance, 305
Huang, L.-K., *see* Jaross, G.
Huang, L.-K., *see* Taylor, S. L.
Huang, W. G. and Lou, X. L.: Cover. AVHRR detection of red tides with neural networks, 1991

Ichii, K., Maruyama, M. and Yamaguchi, Y.: Multi-temporal analysis of deforestation in Rondônia state in Brazil using Landsat MSS, TM, ETM + and NOAA AVHRR imagery and its relationship to changes in the local hydrological environment, 4467
Ichoku, C., *see* Kaufman, Y. J.
Ichoku, C., Kaufman, Y. J., Giglio, L., Li, Z., Fraser, R. H., Jin, J.-Z. and Park, W. M.: Comparative analysis of daytime fire detection algorithms using AVHRR data for the 1995 fire season in Canada: perspective for MODIS, 1669
Iluz, D., Yacobi, Y. Z. and Gitelson, A.: Adaptation of an algorithm for chlorophyll-a estimation by optical data in the oligotrophic Gulf of Eilat, 1157
Inamura, M., *see* Lu, Y.
Iossifidis, Ch., *see* Karathanassi, V.
Ipe, A., *see* Clerbaux, N.
Ippoliti-Ramilo, G. A., Epiphanio, J. C. N. and Shimabukuro, Y. E.: Landsat-5 Thematic Mapper data for pre-planting crop area evaluation in tropical countries, 1521
Isaev, A. S., *see* Bartalev, S. A.
Isaksson, E., *see* Eldhuset, K.
Islam, S., *see* Jiang, L.
Iwabuchi, H.: Calibration of the visible and near-infrared channels of NOAA-11 and -14 AVHRRs by using reflections from molecular atmosphere and stratus cloud, 5367
Iwabuchi, H., *see* Kamstrup, N.

Jackson, T. J., *see* Oldak, A.
Jacob, F., Gu, X. F., Hanocq, J.-F., Tallet, N. and Baret, F.: Atmospheric corrections of single broadband channel and multidirectional airborne thermal infrared data: application to the ReSeDA experiment, 3269
Jacobo-Berlles, J. C., *see* Mejail, M. E.
Jaggard, K. W., *see* Vyas, S. P.

JAHN, H., *see* Briess, K.
JAISWAL, R. K., MUKHERJEE, S., KRISHNAMURTHY, J. and SAXENA, R.: Role of remote sensing and GIS techniques for generation of groundwater prospect zones towards rural development—an approach, 993
JARLEMARK, P. and ELGERED, G.: Retrieval of atmospheric water vapour using a ground-based single-channel microwave radiometer, 3821
JAROSS, G., TAYLOR, S. L., WELLEMEYER, C. G., CEBULA, R. P., HUANG, L.-K., STOLARSKI, R. S. and MCPETERS, R. D.: An assessment of long-term ozone trend uncertainties using Total Ozone Mapping Spectrometers (TOMS), 329
JEFFE, M., *see* Fuller, D. O.
JEON, B. M., *see* Ye, C.-S.
JHA, V. K., *see* Chatterjee, R. S.
JI, M., *see* Emrahoğlu, N.
JI, M.: Using fuzzy sets to improve cluster labelling in unsupervised classification, 657
JIA, L., LI, Z.-L., MENENTI, M., SU, Z., VERHOEF, W. and WAN, Z.: A practical algorithm to infer soil and foliage component temperatures from bi-angular ATSR-2 data, 4739
JIA, L., *see* Li, Z.-L.
JIANG, L. and ISLAM, S.: An intercomparison of regional latent heat flux estimation using remote sensing data, 2221
JIHUA, W., *see* Qifa, Z.
JIN, D., *see* You, H.
JIN, J.-Z., *see* Ichoku, C.
JIN, M. and TREADON, R. E.: Correcting the orbit drift effect on AVHRR land surface skin temperature measurements, 4543
JOHANNESSEN, O. M., *see* Miles, V. V.
JOHANNESSEN, O. M., *see* Pozdnyakov, D.
JOHNSEN, H., *see* Guneriussen, T.
JOHNSON, B. C., *see* Brown, S. W.
JOHNSON, B. C., BROWN, S. W., EPPELDAUER, G. P. and LYKKE, K. R.: System-level calibration of a transfer radiometer used to validate EOS radiance scales, 339
JONES, A. R., *see* Moore, A. B.
JOY, S. M., REICH, R. M. and REYNOLDS, R. T.: A non-parametric, supervised classification of vegetation types on the Kaibab National Forest using decision trees, 1835
JUSTICE, C. O., *see* Giglio, L.
JUSTICE, C. O., *see* Kaufman, Y. J.

KÄSTNER, M., *see* Kriebel, K. T.
KAITA, E., *see* Markham, B. L.
KALLIO, K., KOPONEN, S. and PULLIAINEN, J.: Feasibility of airborne imaging spectrometry for lake monitoring—a case study of spatial chlorophyll *a* distribution in two meso-eutrophic lakes, 3771
KALUBARME, M. H., POTDAR, M. B., MANJUNATH, K. R., MAHEY, R. K. and SIDDHU, S. S.: Growth profile based crop yield models: a case study of large area wheat yield modelling and its extendibility using atmospheric corrected NOAA AVHRR data, 2037
KAMAI, T., *see* Yamaguchi, Y.
KAMSTRUP, N. and HANSEN, L. B.: Improved calibration of Landsat-5 TM applicable for high-latitude and dark areas, 5345
KANDIRMAZ, H. M., *see* Emrahoğlu, N.
KARAKI, N. A., *see* Closson, D.
KARATHANASSI, V., IOSSIFIDIS, Ch. and ROKOS, D.: Remote sensing methods and techniques as a tool for the implementation of environmental legislation. The Greek Forest Law case study, 39
KARATHANASSI, V., ANDRONIS, V. and ROKOS, D.: The radiative impact of aerosols emanating from biomass burning, through the Minnaert constant, 5135

KARIUKI, P. C., VAN DER MEER, F. and SIDERIUS, W.: Classification of soils based on engineering indices and spectral data, 2567
KARIUKI, P. C., VAN DER MEER, F. and VERHOEF, P. N. W.: Cation Exchange Capacity (CEC) determination from spectroscopy, 161
KARNIELI, A., *see* Cierniewski, J.
KARPOUZLI, E. and MALTHUS, T.: The empirical line method for the atmospheric correction of IKONOS imagery, 1143
KARPOUZLI, E., *see* Malthus, T. J.
KARPOUZLI, E., MALTHUS, T., PLACE, C., CHUI, A. M., GARCIA, M. I. and MAIR, J.: Underwater light characterisation for correction of remotely sensed images, 2683
KARTERIS, M., *see* Koutsias, N.
KAUFMAN, Y. J., *see* Ichoku, C.
KAUFMAN, Y. J., ICHOKU, C., GIGLIO, L., KORONTZI, S., CHU, D. A., HAO, W. M., LI, R.-R. and JUSTICE, C. O.: Fire and smoke observed from the Earth Observing System MODIS instrument—products, validation, and operational use, 1765
KAUFMANN, H., *see* Rein, B.
KAUFMANN, H., *see* Xia, Y.
KAVZOGLU, T. and MATHER, P. M.: The use of backpropagating artificial neural networks in land cover classification, 4907
KELDER, H., *see* Valks, P. J. M.
KELHÄ, V., RAUSTE, Y., HÄME, T., SEPHTON, T., BUONGIORNO, A., FRAUENBERGER, O., SOINI, K., VENÄLÄINEN, A., SAN MIGUEL-AYANZ, J. and VAINIO, T.: Combining AVHRR and ATSR satellite sensor data for operational boreal forest fire detection, 1691
KELLY, N. M., *see* Pu, R.
KELLY, R. E. J., DAVIE, T. J. A. and ATKINSON, P. M.: Explaining temporal and spatial variation in soil moisture in a bare field using SAR imagery, 3059
KENDALL, J. D., *see* Giglio, L.
KENNEDY, R. E. and COHEN, W. B.: Automated designation of tie-points for image-to-image coregistration, 3467
KERLE, N., FROGER, J.-L., OPPENHEIMER, C. and VAN WYK DE VRIES, B.: Remote sensing of the 1998 mudflow at Casita volcano, Nicaragua, 4791
KHARE, N., *see* Vyas, N. K.
KHARUK, V. I., RANSON, K. J., BURENINA, T. A. and FEDOTOVA, E. V.: Mapping of Siberian forest landscapes along the Yenisey transect with AVHRR, 23
KIDNER, D. B.: Higher-order interpolation of regular grid digital elevation models, 2981
KIDNER, D. B., *see* Brunsell, N. A.
KIEDRON, P. W. and MICHALSKY, J. J.: Measurement errors in diffuse irradiance with non-Lambertian radiometers, 237
KING, C., *see* Raucoules, D.
KINIRY, J. R., *see* Chen, P.-Y.
KJERFVE, B., *see* Braga, C. Z. F.
KLAASSEN, W., *see* de Vries, A. C.
KLOTZ, J., *see* Xia, Y.
KOGAN, F., *see* Singh, R. P.
KOH, S. T., *see* Gin, K. Y.-H.
KONTOES, C. C., *see* Sykioti, O.
KOOISTRA, L., LEUVEN, R. S. E. W., WEHRENS, R., NIENHUIS, P. H. and BUYDENS, L. M. C.: A comparison of methods to relate grass reflectance to soil metal contamination, 4995
KOPONEN, S., *see* Kallio, K.
KORONTZI, S., *see* Kaufman, Y. J.
KOSHIMIZU, T., *see* Bosworth, J.
KOTSIS, I., *see* Sykioti, O.
KOUTSIAS, N.: An autologistic regression model for increasing the accuracy of burned surface mapping using Landsat Thematic Mapper data, 2199

KOUTSIAS, N. and KARTERIS, M.: Classification analyses of vegetation for delineating forest fire fuel complexes in a Mediterranean test site using satellite remote sensing and GIS, 3093
KOUTSIAS, N., *see* Fu, B.
KRIEBEL, K. T., GESELL, G., KÄSTNER, M. and MANNSTEIN, H.: The cloud analysis tool APOLLO: improvements and validations, 2389
KRISHNAMURTHY, J., *see* Jaiswal, R. K.
KROONENBERG, S., *see* Zhang, X.
KUNTE, P. D., WAGLE, B. G. and SUGIMORI, Y.: Sediment transport and depth variation study of the Gulf of Kutch using remote sensing, 2253
KUSTAS, W. P., *see* de Vries, A. C.

LACAZE, B., *see* Caraux Garson, D.
LACAZE, B., *see* de Jong, S. M.
LAFLEUR, P. M., *see* Duguay, C. R.
LAGIOS, E., *see* Ganas, A.
LAI, A., *see* Barbini, R.
LA LOGGIA, G., *see* Calvo, S.
LAM, K. W.-K., *see* Lau, W.-L.
LAMBERT, J. C., *see* Valks, P. J. M.
LAMBIN, E. F., GOYVAERTS, K. and PETIT, C.: Remotely-sensed indicators of burning efficiency of savannah and forest fires, 3105
LANE, S. N., *see* Carbonneau, P. E.
LANE, S. N., *see* Westaway, R. M.
LANFEN, Z., *see* Weidong, L.
LANGFORD, G., *see* Peterson, D. L.
LANZARONE, G. A., *see* Belward, A.
LAPORTE, N., *see* Chan, J. C.-W.
LARA, M., BLESA, F., ELIPE, A. and SORIANO, M. A.: An efficient method for searching periodic orbits in Earth observation missions, 3149
LASAPONARA, R., CUOMO, V., MACCHIATO, M. F. and SIMONIELLO, T.: A self-adaptive algorithm based on AVHRR multitemporal data analysis for small active fire detection, 1723
LAU, W.-L., LI, Z.-L. and LAM, K. W.-K.: Effects of JPEG compression on image classification, 1535
LAW, A. N. R., *see* Skelsey, C.
LAWRENCE, A. J., *see* Wettle, M.
LEE, C. F., *see* Dai, F. C.
LEE, K.-H., *see* Ye, C.-S.
LEE, K. S. and LEE, S. I.: Assessment of post-flooding conditions of rice fields with multitemporal satellite SAR data, 3457
LEE, S. I., *see* Lee, K. S.
LEECH, D. P., TRELOAR, P. J., LUCAS, N. S. and GROCOTT, J.: Landsat TM analysis of fracture patterns: a case study from the Coastal Cordillera of northern Chile, 3709
LEHAHN, Y., *see* Blumberg, D. G.
LE HÉGARAT-MASCLE, S., *see* Zribi, M.
LEIN, J. K.: Applying evidential reasoning methods to agricultural land cover classification, 4161
LEIN, J. K., *see* Zhang, Q.
LE MOUELIC, S., *see* Raucoules, D.
LEÓN, S., *see* Brenes, C. L.
LEROY, M. M., *see* Grant, I. F.
LEUNG, Y., *see* Luo, J. C.
LEUVEN, R. S. E. W., *see* Kooistra, L.
LI, C., *see* Salas, W. A.
LI, J., *see* Li, P.

Li, J., *see* Xiao, J.
Li, P., Zhou, Z., Li, J., Zhang, C., He, W. and Suh, M.: Structural framework and its formation of the Kalpin thrust belt, Tarim Basin, north-west China, from Landsat TM data, 3535
Li, R.-R., *see* Kaufman, Y. J.
Li, S., *see* You, H.
Li, S., *see* Zhou, X.
Li, W., *see* Wang, J.
Li, X., *see* Li, Y.
Li, X., *see* Pan, Y.
Li, X., *see* Su, L.
Li, X., Guo, H., Wang, C., Li, Z. and Liao, J.: DEM generation in the densely vegetated area of Hotan, north-west China using SIR-C repeat pass polariometric SAR interferometry, 2997
Li, Y., *see* Deng, M.
Li, Y., Liao, Q., Li, X., Liao, S., Chi, G. and Peng, S.: Towards an operational system for regional-scale rice yield estimation using a time-series of Radarsat ScanSAR images, 4207
Li, Z., *see* Ichoku, C.
Li, Z., *see* Li, X.
Li, Z.-L., *see* Lau, W.-L.
Li, Z.-L., *see* Jia, L.
Li, Z.-L., *see* Sobrino, J. A.
Li, Z.-L., Jia, L., Su, Z., Wan, Z. and Zhang, R.: A new approach for retrieving precipitable water from ATSR2 split-window channel data over land area, 5095
Liang, S., *see* van Niel, T. G.
Liang, S., *see* Su, L.
Liao, J., *see* Li, X.
Liao, S., *see* Li, Y.
Liaskovski, A., *see* Pozdnyakov, D.
Liew, S.-W. and Helder, D. L.: Landsat-5 Thematic Mapper cold focal plane characterization, 249
Lin, A., *see* Fu, B.
Lin, H., *see* Shen, D. Y.
Lin, I.-I., *see* Gin, K. Y.-H.
Lira, J. and García, E.: Characterization of vegetation in the south of México by means of a canonical expansion, 1083
Lishman, J. R., *see* Skelsey, C.
Liu, A. K., *see* Wu, S. Y.
Liu, G.-S., *see* Sun, H.-B.
Liu, J. Y., Zhuang, D. F., Luo, D. and Xiao, X.: Land-cover classification of China: integrated analysis of AVHRR imagery and geophysical data, 2485
Liu, S., *see* You, H.
Liu, W. T., *see* Bourras, D.
Liu, X., Wang, J. and Christopher, S. A.: Shortwave direct radiative forcing of Saharan dust aerosols over the Atlantic Ocean, 5147
Liu, X.-H., Skidmore, A. K. and van Oosten, H.: An experimental study on spectral discrimination capability of a backpropagation neural network classifier, 673
Lloret, F., *see* Díaz-Delgado, R.
Lloyd, D., *see* Defelice, T. P.
Lopez-Dekker, P., *see* Camps, A.
López-Pérez, P., *see* Galindo, I.
Lorenz, E., *see* Briess, K.
Lorenz, E., *see* Oertel, D.
Lotsch, A., Tian, Y., Friedl, M. A. and Myneni, R. B.: Land cover mapping in support of LAI and FPAR retrievals from EOS-MODIS and MISR: classification methods and sensitivities to errors, 1997

Lou, X. L., *see* Huang, W. G.
Louis, J., *see* Frazier, P.
Lovas, F. J., *see* Rice, J. P.
Lovejoy, S., *see* Gaonac'h, H.
Loveland, T. R., *see* Griffith, J. A.
Lu, J., *see* Clerbaux, N.
Lu, J.: Marine oil spill detection, statistics and mapping with ERS SAR imagery in south-east Asia, 3013
Lu, Y. and Inamura, M.: Spatial resolution improvement of remote sensing images by fusion of subpixel-shifted multi-observation images, 4647
Lucas, N. S., *see* Leech, D. P.
Lundén, B., *see* Shaghude, Y. W.
Lunetta, R. S., *see* Alvarez, R.
Luo, D., *see* Liu, J. Y.
Luo, J. C., Zheng, J., Leung, Y. and Zhou, C. H.: A knowledge-integrated stepwise optimization model for feature mining in remotely sensed images, 4661
Luzi, G., *see* Pieraccini, M.
Lykke, K. R., *see* Johnson, B. C.
Lymburner, L., *see* Held, A.

Ma, A. N., *see* Shen, D. Y.
Ma, C. F., *see* Ma, J. W.
Ma, J., *see* Chen, G.
Ma, J. W., Xue, Y., Ma, C. F. and Wang, Z. G.: A data fusion approach for soil erosion monitoring in the Upper Yangtze River Basin of China based on Universal Soil Loss Equation (USLE) model, 4777
Ma, Y., *see* Tetuko S. S., J.
Ma, Y.: Remote sensing parameterization of regional net radiation over heterogeneous land surface of Tibetan Plateau and arid area, 3137
Macchiato, M. F., *see* Lasaponara, R.
Macelloni, G., Paloscia, S., Pampaloni, P. and Santi, E.: Global scale monitoring of soil and vegetation using SSM/I and ERS wind scatterometer, 2409
Mack, R., *see* Giglio, L.
Maestro, A., *see* Cortés, A. L.
Maggi, M., *see* Brivio, P. A.
Mahey, R. K., *see* Kalubarme, M. H.
Mahler, S. A., *see* Gong, P.
Mair, J., *see* Karpouzli, E.
Maisons, C., *see* Raucoules, D.
Majumdar, T. J., *see* Fu, B.
Majumdar, T. J., *see* Mohanty, K. K.
Majumdar, T. J.: Regional thermal inertia mapping over the Indian subcontinent using INSAT-1D VHRR data and its possible geological applications, 2207
Malthus, T. and Mumby, P.: Preface, 2595
Malthus, T., *see* Karpouzli, E.
Malthus, T. J. and Karpouzli, E.: Cover. Integrating field and high spatial resolution satellite-based methods for monitoring shallow submersed aquatic habitats in the Sound of Eriskay, Scotland, UK, 2585
Malthus, T. J. and Mumby, P. J.: Remote sensing of the coastal zone: an overview and priorities for future research, 2805
Manjunath, K. R., *see* Kalubarme, M. H.
Mannan, B. and Ray, A. K.: Crisp and fuzzy competitive learning networks for supervised classification of multispectral IRS scenes, 3491

MANNSTEIN, H., *see* Kriebel, K. T.
MANTERO, P., *see* Corsini, G.
MAO, S. J., *see* Shen, D. Y.
MARKHAM, B. L., BARKER, J. L., KAITA, E., SEIFERTH, J. and MORFITT, R.: On-orbit performance of the Landsat-7 ETM + radiometric calibrators, 265
MARTÍN, P., *see* Aguado, I.
MARULLO, S., *see* Ananasso, C.
MARUYAMA, M., *see* Ichii, K.
MASCARENHAS, N. D. A., *see* Medeiros, F. N. S.
MASON, D. C., ANDERSON, G. Q. A., BRADBURY, R. B., COBBY, D. M., DAVENPORT, I. J., VANDEPOLL, M. and WILSON, J. D.: Measurement of habitat predictor variables for organism–habitat models using remote sensing and image segmentation, 2515
MATHER, P. M., *see* Kavzoglu, T.
MATHESON, W., *see* Ringrose, S.
MATHEW, J., *see* Philip, G.
MATHIEU, R., SBIH, M., VIAU, A. A., ANCTIL, F., PARENT, L. E. and BOISVERT, J.: Relationships between Radarsat SAR data and surface moisture content of agricultural organic soils, 5265
MAVOFRIDES, M. A., *see* Mazuk, S.
MAXIMOV, S. V., *see* Miles, V. V.
MAYAUX, P., *see* Cabral, A.
MAZUK, S., RUSSELL, R. W., BISTRANSIN, M., MAVOFRIDES, M. A. and BACA, M.: Spatial InfraRed Imaging Telescope III (SPIRIT III) Convert 6.2 interferometer certification, 357
MCCLAIN, C. R., *see* Barnes, R. A.
MCGLADE, J. M., *see* Hardman-Mountford, N. J.
MCPETERS, R. D., *see* Huang, L. K.
MCPETERS, R. D., *see* Jaross, G.
MCPETERS, R. D., *see* Taylor, S. L.
MCVICAR, T. R., *see* van Niel, T. G.
MECATTI, D., *see* Pieraccini, M.
MEDEIROS, F. N. S., MASCARENHAS, N. D. A. and COSTA, L. F.: Evaluation of speckle noise MAP filtering algorithms applied to SAR images, 5197
MEJAIL, M. E., JACOBO-BERLLES, J. C., FRERY, A. C. and BUSTOS, O. H.: Classification of SAR images using a general and tractable multiplicative model, 3565
MELBERT, M., *see* Tansock, J. J.
MELGER, F. J., *see* Smith, A. J. E.
MENENTI, M., *see* Jia, L.
MENENTI, M., *see* de Vries, A. C.
MERTENS, K. C., VERBEKE, L. P. C., DUCHEYNE, E. I. and DE WULF, R. R.: Using genetic algorithms in sub-pixel mapping, 4241
METTERNICHT, G., *see* Carbonneau, P. E.
METTERNICHT, G.: Vegetation indices derived from high-resolution airborne videography for precision crop management, 2855
MEYER, D. J., *see* Defelice, T. P.
MEZA DÍAZ, B. and BLACKBURN, G. A.: Remote sensing of mangrove biophysical properties: evidence from a laboratory simulation of the possible effects of background variation on spectral vegetation indices, 53
MICHALSKY, J. J., *see* Kiedron, P. W.
MICHEL, G. W., *see* Xia, Y.
MICHELSON, D. B., *see* Bennartz, R.
MILES, V. V., BOBYLEV, L. P., MAXIMOV, S. V., JOHANNESSEN, O. M. and PITULKO, V. M.: An approach for assessing boreal forest conditions based on combined use of satellite SAR and multi-spectral data, 4447
MILLER, S., *see* Chauhan, N. S.

Milne, A. K., *see* Dong, Y.
Minnett, P. J., *see* Zhou, X.
Minnett, P. J.: Radiometric measurements of the sea-surface skin temperature: the competing roles of the diurnal thermocline and the cool skin, 5033
Minor, T. B., *see* Cablk, M. E.
Mitchelson-Jacob, E.-G., *see* Binding, C. E.
Mitra, A., *see* Vyas, N. K.
Mlynczak, M. G., *see* Tansock, J. J.
Mohanty, K. K. and Majumdar, T. J.: Comparison of adaptive filter, IHS and Fourier transform based techniques for IRS-1C PAN/LISS-III data merging, 1969
Molenaar, M., *see* Zhou, Y.
Monneveux, P., *see* Royo, C.
Monteiro, A. L., Souza Jr, C. M. and Barreto, P.: Detection of logging in Amazonian transition forests using spectral mixture models, 151
Moody, A., *see* Xiao, J.
Moore, A. B., Morris, K. P., Blackwell, G. K., Jones, A. R. and Sims, P. C.: Using geomorphological rules to classify photogrammetrically-derived digital elevation models, 2613
Morfitt, R., *see* Markham, B. L.
Morris, K. P., *see* Moore, A. B.
Mukherjee, S., *see* Jaiswal, R. K.
Muller-Karger, F. E., *see* Andréfouët, S.
Muller-Karger, F. E., *see* Hu, C.
Muller-Karger, F. E., *see* Palandro, D.
Mumby, P., *see* Malthus, T.
Mumby, P. J., *see* Malthus, T. J.
Murdock, T. L., *see* Pollock, D. B.
Murthy, C. S., Raju, P. V. and Badrinath, K. V. S.: Classification of wheat crop with multi-temporal images: performance of maximum likelihood and artificial neural networks, 4871
Murthy, M. B. R., *see* Daya Sagar, B. S.
Myint, S. W.: Fractal approaches in texture analysis and classification of remotely sensed data: comparisons with spatial autocorrelation techniques and simple descriptive statistics, 1925
Myint, S. W., *see* Rao, C. R. N.
Myneni, R., *see* Stow, D.
Myneni, R. B., *see* Lotsch, A.

Nababan, B., *see* Hu, C.
Nadeau, D., *see* Hu, C.
Naito, C., *see* Yamaguchi, Y.
Nanni, M. R., *see* Demattê, J. A. M.
Narain, A., *see* Chaturvedi, N.
Narayanan, R. M., *see* Corner, B. R.
Nayak, S. R., *see* Solanki, H. U.
Neidhardt, M., *see* Oertel, D.
Newburn, D. A., *see* Gong, P.
Ni, J.-L., *see* Sun, H.-B.
Ni, S., *see* Zha, Y.
Nicula, B., *see* Clerbaux, N.
Nie, X. H., *see* Shen, D. Y.
Nienhuis, P. H., *see* Kooistra, L.
Noferini, L., *see* Pieraccini, M.
Nonomura, A., Sanga-Ngoie, K. and Fukuyama, K.: Devising a new Digital Vegetation Model for eco-climatic analysis in Africa using GIS and NOAA AVHRR data, 3611

North, P. R. J., *see* Dawson, T. P.
Novo, E. M. M. L., *see* Galvão, L. S.
Nyoungui, A. N., *see* Akono, A.

Odajima, T., *see* Yamaguchi, Y.
Oechel, W., *see* Stow, D.
Oertel, D., *see* Briess, K.
Oertel, D., Briess, K., Halle, W., Neidhardt, M., Lorenz, E., Sandau, R., Schrandt, F., Skrbek, W., Venus, H., Walter, I., Zender, B., Zhukov, B., Goldammer, J. G., Held, A. C., Hille, M. and Brueggemann, H.: Airborne forest fire mapping with an adaptive infrared sensor, 3663
Oindo, B. O., Skidmore, A. K. and de Salvo, P.: Mapping habitat and biological diversity in the Maasai Mara ecosystem, 1053
Okhimamhe, A. A.: ERS SAR interferometry for land cover mapping in a savanna area in Africa, 3583
Okhimamhe, A. A., *see* Mazuk, S.
Oldak, A., Jackson, T. J., Starks, P. and Elliott, R.: Mapping near-surface soil moisture on regional scale using ERS-2 SAR data, 4579
Olesen, F., *see* Schroedter, M.
Olson, G. M., *see* Dupigny-Giroux, L.-A.
Onrubia, J. E., *see* Badenas, C.
Onsi, H. M.: Designing a rule-based classifier using syntactical approach, 637
Onsi, H. M., *see* Varma, H.
Oppenheimer, C., *see* Kerle, N.
Orfila, A., *see* Alvarez, A.
Oštir, K., Veljanovski, T., Podobnikar, T. and Stančič, Z.: Application of satellite remote sensing in natural hazard management: the Mount Mangart landslide case study, 3983
Ouaidrari, H., El Saleous, N., Vermote, E. F., Townshend, J. R. and Goward, S. N.: AVHRR Land Pathfinder II (ALP II) data set: evaluation and inter-comparison with other data sets, 135
Ouillon, S.: An inversion method for reflectance in stratified turbid waters, 535
Ouillon, S., *see* Kamstrup, N.
Owe, M., *see* de Jeu, R. A. M.
Özdamar, L., *see* Demirhan, M.
Ozer, A., *see* Closson, D.
Özpinar, A., *see* Demirhan, M.

Pacin, F., *see* Guerschman, J. P.
Page, K., *see* Frazier, P.
Paillou, P., *see* Gelautz, M.
Palandro, D., Andréfouët, S., Dustan, P. and Muller-Karger, F. E.: Change detection in coral reef communities using Ikonos satellite sensor imagery and historic aerial photographs, 873
Paloscia, S., *see* Macelloni, G.
Palucci, A., *see* Barbini, R.
Pampaloni, P., *see* Macelloni, G.
Pan, Y., Li, X., Gong, P., He, C., Shi, P. and Pu, R.: An integrative classification of vegetation in China based on NOAA AVHRR and vegetation–climate indices of the Holdridge life zone, 1009
Pandey, P. C., *see* Vyas, N. K.
Paradissis, D., *see* Sykioti, O.
Parent, L. E., *see* Mathieu, R.

Park, W. M., *see* Ichoku, C.
Paruelo, J. M., *see* Guerschman, J. P.
Paskett, K., *see* Tansock, J. J.
Pattnayak, S. K., *see* Solanki, H. U.
Payri, C., *see* Andréfouët, S.
Pebesma, E. J., *see* de Jong, S. M.
Pedroni, L.: Improved classification of Landsat Thematic Mapper data using modified prior probabilities in large and complex landscapes, 91
Pedroni, L., *see* Stokes, C. R.
Peijun, S., *see* Yunhao, C.
Pelkey, N. W., Stoner, C. J. and Caro, T. M.: Assessing habitat protection regimes in Tanzania using AVHRR NDVI composites: comparisons at different spatial and temporal scales, 2533
Peng, S., *see* Li, Y.
Pepe, M., *see* Binaghi, E.
Pereira, J. L. G., *see* Alves, D. S.
Pereira, J. M. C., *see* Cabral, A.
Pereira, J. M. C., *see* Carreiras, J. M. B.
Pereira, J. M. C., *see* Sá, A. C. L.
Pereira, J. M. C., *see* Sousa, A. M. O.
Pereira, J. M. C., *see* Stroppiana, D.
Pereira Filho, W., *see* Galvão, L. S.
Peştemalci, V., *see* Emrahoğlu, N.
Petersen, A., *see* Stow, D.
Peterson, D. L., Brass, J. A., Smith, W. H., Langford, G., Wegener, S., Dunagan, S., Hammer, P. and Snook, K.: Platform options of free-flying satellites, UAVs or the International Space Station for remote sensing assessment of the littoral zone, 2785
Peterson, J., *see* Hansen, S.
Peterson, J., *see* Tansock, J. J.
Peterson, S. H. and Stow, D. A.: Using multiple image endmember spectral mixture analysis to study chaparral regrowth in southern California, 4481
Petit, C., *see* Lambin, E. F.
Pettersson, L., *see* Pozdnyakov, D.
Philip, G., Ravindran, K. V. and Mathew, J.: Mapping the Nidar Ophiolite Complex of the Indus Suture Zone, Northwestern-Trans Himalaya using IRS-1C/1D data, 4979
Pieraccini, M., Casagli, N., Luzi, G., Tarchi, D., Mecatti, D., Noferini, L. and Atzeni, C.: Landslide monitoring by ground-based radar interferometry: a field test in Valdarno (Italy), 1385
Piraino, P., *see* Defelice, T. P.
Piters, A. J. M., *see* van der A, R. J.
Piters, A. J. M., *see* Valks, P. J. M.
Pitulko, V. M., *see* Miles, V. V.
Pizzolato Angelo, N. and Haertel, V.: On the application of Gabor filtering in supervised image classification, 2167
Place, C., *see* Karpouzli, E.
Plummer, S. E., *see* Dawson, T. P.
Podobnikar, T., *see* Oštir, K.
Pollock, D. B., Murdock, T. L., Datla, R. U. and Thompson, A.: Data uncertainty traced to SI units. Results reported in the International System of Units, 225
Pons, X., *see* Díaz-Delgado, R.
Pons, X., *see* Serra, P.
Ponzoni, F. J., *see* Galvão, L. S.
Potdar, M. B., *see* Kalubarme, M. H.
Powell, A. K., *see* Hann, D. B.

Pozdnyakov, D., Pettersson, L., Johannessen, O. M., Liaskovski, A., Filatov, N. and Bobylev, L.: Cover. SeaWiFS maps water quality parameters of the White Sea, 4065
Prabakaran, B., *see* Chatterjee, R. S.
Price, K. P., *see* Wang, J.
Probert Smith, P. J., *see* Atallah, L.
Prol-Ledesma, R. M., *see* Torres-Vera, M. A.
Prueger, J. H., *see* de Vries, A. C.
Pu, R., *see* Pan, Y.
Pu, R., *see* Xu, B.
Pu, R., Ge, S., Kelly, N. M. and Gong, P.: Spectral absorption features as indicators of water status in coast live oak (*Quercus agrifolia*) leaves, 1799
Pu, R., Gong, P. and Biging, G. S.: Simple calibration of AVIRIS data and LAI mapping of forest plantation in southern Argentina, 4699
Pu, R., Xu, B. and Gong, P.: Oakwood crown closure estimation by unmixing Landsat TM data, 4433
Pugnaghi, S., *see* Corradini, S.
Puigdefábregas, J., *see* Boer, M. M.
Pulliainen, J., *see* Kallio, K.
Pultz, T. J., *see* Sokol, J.

Qifa, Z. and Jihua, W.: Leaf and spike reflectance spectra of rice with contrasting nitrogen supplemental levels, 1587
Qingxi, T., *see* Weidong, L.

Raffy, M. and Blamont, D.: Radiometric nomenclatures and spatial resolutions, 2289
Raffy, M., Soudani, K. and Trautmann, J.: On the variability of the LAI of homogeneous covers with respect to the surface size and application, 2017
Raj, B., *see* Daya Sagar, B. S.
Raju, P. V., *see* Murthy, C. S.
Ramana, K. V., *see* Dwivedi, R. S.
Ramon, D., *see* Borde, R.
Rampini, A., *see* Carrara, P.
Rango, A., *see* de Vries, A. C.
Ranson, K. J., *see* Kharuk, V. I.
Rao, C. R. N., *see* Heidinger, A. K.
Rao, C. R. N., Cao, C. and Zhang, N.: Inter-calibration of the Moderate-Resolution Imaging Spectroradiometer and the AlongTrack Scanning Radiometer-2, 1913
Raucoules, D., le Mouelic, S., Carnec, C., Maisons, C. and King, C.: Urban subsidence in the city of Prato (Italy) monitored by satellite radar interferometry, 891
Rauste, Y., *see* Kelhä, V.
Ravindran, K. V., *see* Philip, G.
Ray, A. K., *see* Mannan, B.
Reed, B. C., *see* Ricotta, C.
Reguzzoni, M., Sansò, F., Venuti, G. and Brivio, P. A.: Bayesian classification by data augmentation, 3961
Reichenbach, S. E., *see* Corner, B. R.
Reich, R. M., *see* Joy, S. M.
Reigber, Ch., *see* Xia, Y.
Rein, B. and Kaufmann, H.: Exploration for gold using panchromatic stereoscopic intelligence satellite photographs and Landsat TM data in the Hebei area, China, 2427
Rencz, A., *see* Hirtle, H.
Reynolds, R. T., *see* Joy, S. M.

Riaño, D., *see* Chuvieco, E.
Ribeiro, N., *see* Sá, A. C. L.
Rice, J. P., Bender, S. C., Atkins, W. H. and Lovas, F. J.: Deployment test of the NIST EOS Thermal-infrared Transfer Radiometer, 367
Rich, P. M., *see* Wang, J.
Ricotta, C., Reed, B. C. and Tieszen, L. T.: The role of C_3 and C_4 grasses to interannual variability in remotely sensed ecosystem performance over the US Great Plains, 4421
Rigina, O.: Detection of boreal forest decline with high-resolution panchromatic satellite imagery, 1895
Rigina, O., *see* Susaki, J.
Rigol-Sanchez, J. P., Chica-Olmo, M. and Abarca-Hernandez, F.: Artificial neural networks as a tool for mineral potential mapping with GIS, 1151
Ringrose, S., Vanderpost, C. and Matheson, W.: Mapping ecological conditions in the Okavango delta, Botswana using fine and coarse resolution systems including simulated SPOT vegetation imagery, 1029
Ripley, H., *see* Andréfouët, S.
Ritchie, J. C., *see* de Vries, A. C.
Rivard, B., *see* Castro, K. L.
Robertson, A. I., *see* Frazier, P.
Robinson, J. A., *see* Andréfouët, S.
Röder, A., *see* Hostert, P.
Roger, J. C., *see* Schmechtig, C.
Rokos, D., *see* Karathanassi, V.
Romanov, P. and Tarpley, D.: Automated monitoring of snow cover over South America using GOES Imager data, 1119
Root, R. R., *see* Van Wagtendonk, J. W.
Rosenzweig, C., *see* Wannebo, A.
Rothery, D. A., Thorne, M. T. and Flynn, L.: MODIS thermal alerts in Britain and the North Sea during the first half of 2001, 817
Rowland, C. S., *see* Danson, F. M.
Roy, S., *see* Singh, R. P.
Royo, C., Aparicio, N., Villegas, D., Casadesus, J., Monneveux, P. and Araus, J. L.: Usefulness of spectral reflectance indices as durum wheat yield predictors under contrasting Mediterranean conditions, 4403
Rubio, E., Caselles, V., Coll, C., Valour, E. and Sospedra, F.: Thermal–infrared emissivities of natural surfaces: improvements on the experimental set-up and new measurements, 5379
Rudant, J.-P., *see* Akono, A.
Rundquist, D. C., *see* Han, L.
Russell III, J. M., *see* Tansock, J. J.
Russell, R. W., *see* Mazuk, S.

Sá, A. C. L., Pereira, J. M. C., Vasconcelos, M. J. P., Silva, J. M. N., Ribeiro, N. and Awasse, A.: Assessing the feasibility of sub-pixel burned area mapping in miombo woodlands of northern Mozambique using MODIS imagery, 1783
Sachpazi, M., *see* Sykioti, O.
Sahebi, M. R., Bonn, F. and Gwyn, Q. H. J.: Estimation of the moisture content of bare soil from RADARSAT-1 SAR using simple empirical models, 2575
Saito, H., Bellan, M. F., Al-Habshi, A., Aizpuru, M. and Blasco, F.: Mangrove research and coastal ecosystem studies with SPOT-4 HRVIR and TERRA ASTER in the Arabian Gulf, 4073
Salas, J., *see* Aguado, I.
Salas, W. A., Boles, S. H., Frolking, S., Xiao, X. and Li, C.: The perimeter/area ratio as an index of misregistration bias in land cover change estimates, 1165

SALVADOR, R. and SAN-MIGUEL-AYANZ, J.: The effect of histogram discontinuities on spectral information and non-supervised classifiers, 115
SAN, B. T., *see* Turker, M.
SANCHEZ-AZOFEIFA, G. A., *see* Castro, K. L.
SANDAU, R., *see* Oertel, D.
SANDRINI, S., *see* Barbini, R.
SANGA-NGOIE, K., *see* Nonomura, A.
SAN MIGUEL-AYANZ, J., *see* Kelhä, V.
SAN MIGUEL-AYANZ, J., *see* Salvador, R.
SANSÒ, F., *see* Reguzzoni, M.
SANTER, R., *see* Borde, R.
SANTER, R., *see* Dubuisson, P.
SANTER, R., *see* Schmechtig, C.
SANTI, E., *see* Macelloni, G.
SANTOLERI, R., *see* Ananasso, C.
SARAF, A. K.: Cover. Development of a pseudo colour transformation technique using satellite image and survey map for change detection studies, 1183
SARAF, A. K., *see* Dubuisson, P.
SAURÍ, D., *see* Serra, P.
SAURÍ, D., *see* Serra, P.
SAXENA, R., *see* Jaiswal, R. K.
SBIH, M., *see* Mathieu, R.
SCHERTZER, D., *see* Gaonac'h, H.
SCHILLER, S. J., *see* Black, S. E.
SCHMECHTIG, C., *see* Borde, R.
SCHMECHTIG, C., CARRÈRE, V., DUBUISSON, P., ROGER, J. C. and SANTER, R.: Sensitivity analysis for the aerosol retrieval over land for MERIS, 2921
SCHNEIDER, K.: Assimilating remote sensing data into a land-surface process model, 2959
SCHNEIDER, K., *see* Brunsell, N. A.
SCHRANDT, F., *see* Oertel, D.
SCHROEDTER, M., OLESEN, F. and FISCHER, H.: Determination of land surface temperature distributions from single channel IR measurements: an effective spatial interpolation method for the use of TOVS, ECMWF and radiosonde profiles in the atmospheric correction scheme, 1189
SCIACCA, U., *see* Bianchi, C.
SEIFERTH, J., *see* Markham, B. L.
SELLSCHOPP, J., *see* Alvarez, A.
ŞENKAL, O., *see* Emrahoğlu, N.
SEONG, J. C., *see* Kharuk, V. I.
SEONG, J. C.: Modelling the accuracy of image data reprojection, 2309
SEPHTON, T., *see* Kelhä, V.
SERAFINI, F., *see* Teggi, S.
SERPICO, S. B., *see* Corsini, G.
SERRA, P., PONS, X. and SAURÍ, D.: Erratum. Post-classification change detection with data from different sensors: some accuracy considerations, 4975
SERRA, P., PONS, X. and SAURÍ, D.: Post-classification change detection with data from different sensors: some accuracy considerations, 3311
SHAGHUDE, Y. W., WANNÄS, K. O. and LUNDÉN, B.: Assessment of shoreline changes in the western side of Zanzibar channel using satellite remote sensing, 4953
SHALAN, M. A., ARORA, M. K. and GHOSH, S. K.: An evaluation of fuzzy classifications from IRS 1C LISS III imagery: a case study, 3179
SHEN, D. Y., MA, A. N., LIN, H., NIE, X. H., MAO, S. J., ZHANG, B. and SHI, J. J.: A new approach for simulating water erosion on hillslopes, 2819
SHEPHERD, J. D. and DYMOND, J. R.: Correcting satellite imagery for the variance of reflectance and illumination with topography, 3503

SHI, J. J., *see* Shen, D. Y.
SHI, P., *see* Chen, C.
SHI, P., *see* Chen, Z.
SHI, P., *see* Pan, Y.
SHI, P., *see* Zhang, Q.
SHI, P.-J., *see* Gong, D.-Y.
SHIBASAKI, R., *see* Susaki, J.
SHIMABUKURO, Y. E., *see* Carreiras, J. M. B.
SHIMABUKURO, Y. E., *see* Ippoliti-Ramilo, G. A.
SHOSHANY, M., *see* Sokoletsky, L.
SHRESTHA, S., *see* Giri, C.
SHRIRA, V. I., BADULIN, S. I. and VORONOVICH, A. G.: Electromagnetic wave scattering from the sea surface in the presence of wind wave patterns, 5075
SHUMWAY, A., *see* Tansock, J. J.
SIDDHU, S. S., *see* Kalubarme, M. H.
SIDERIUS, W., *see* Kariuki, P. C.
SILVA, J. M. N., *see* Grégoire, J.-M.
SILVA, J. M. N., *see* Sá, A. C. L.
SILVA, J. M. N., *see* Sousa, A. M. O.
SILVA, J. S. V., *see* Galvão, L. S.
SIMMONDS, L. P., *see* Burke, E. J.
SIMONIELLO, T., *see* Lasaponara, R.
SIMS, P. C., *see* Moore, A. B.
SINGH, D., YAMAGUCHI, Y., YAMADA, H. and SINGH, K. P.: Retrieval of wheat chlorophyll by an X-band scatterometer, 4939
SINGH, K. P., *see* Singh, D.
SINGH, R. P., *see* Efstathiou, M. N.
SINGH, R. P., ROY, S. and KOGAN, F.: Vegetation and temperature condition indices from NOAA AVHRR data for drought monitoring over India, 4393
SINI, F., *see* Bruzzone, L.
SKELSEY, C., LAW, A. N. R., WINTER, M. and LISHMAN, J. R.: A system for monitoring land cover, 4853
SKIDMORE, A. K., *see* Liu, X.-H.
SKIDMORE, A. K., *see* Oindo, B. O.
SKRBEK, W., *see* Briess, K.
SKRBEK, W., *see* Oertel, D.
SMITH, A. J. E. and MELGER, F. J.: Using the cross-spectral phase to filter slicks in the ENVISAT ASAR wave mode product, 5391
SMITH, A. J. E., *see* Medeiros, F. N. S.
SMITH, A. J. E.: Near real-time geocoding of SAR imagery with orbit error removal, 5219
SMITH, A. M. S., *see* Hann, D. B.
SMITH, G. M., *see* Dean, A. M.
SMITH, L., *see* Franklin, S. E.
SMITH, L. C., *see* Frey, K. E.
SMITH, W. H., *see* Peterson, D. L.
SMITS, P., *see* Annoni, A.
SNOOK, K., *see* Peterson, D. L.
SOBRINO, J. A., EL KHARRAZ, J. and LI, Z.-L.: Surface temperature and water vapour retrieval from MODIS data, 5161
SOHL, T. L., *see* Griffith, J. A.
SOILLE, P., *see* Giada, S.
SOINI, K., *see* Kelhä, V.
SOKOL, J., PULTZ, T. J. and WALKER, A. E.: Passive and active airborne microwave remote sensing of snow cover, 5327

SOKOLETSKY, L., DUBINSKY, Z., SHOSHANY, M. and STAMBLER, N.: Estimation of phytoplankton pigment concentration in the Gulf of Aqaba (Eilat) by *in situ* and remote sensing single-wavelength algorithms, 5049
SOLANKI, H. U., DWIVEDI, R. M., NAYAK, S. R., SOMVANSHI, V. S., GULATI, D. K. and PATTNAYAK, S. K.: Fishery forecast using OCM chlorophyll concentration and AVHRR SST: validation results off Gujarat coast, India, 3691
SOMVANSHI, V. S., *see* Solanki, H. U.
SORIANO, M. A., *see* Arlegui, L. E.
SORIANO, M. A., *see* Cortés, A. L.
SORIANO, M. A., *see* Lara, M.
SOSPEDRA, F., *see* Rubio, E.
SOTHERAN, I. S., *see* Foster-Smith, R. L.
SOTHERAN, I. S., *see* White, W. H.
SOUDANI, K., *see* Raffy, M.
SOUSA, A. M. O., PEREIRA, J. M. C. and SILVA, J. M. N.: Evaluating the performance of multitemporal image compositing algorithms for burned area analysis, 1219
SOUZA JR, C. M., *see* Monteiro, A. L.
SRINIVASAN, R., *see* Chen, P.-Y.
STAMBLER, N., *see* Sokoletsky, L.
STANČIČ, Z., *see* Oštir, K.
STARKS, P., *see* Oldak, A.
STAUDER, J., *see* Tansock, J. J.
STEHMAN, S. V., *see* Griffith, J. A.
STEIN, A., *see* Zhou, Y.
STEVEN, M. D., *see* Vyas, S. P.
STIBIG, H.-J., BEUCHLE, R. and ACHARD, F.: Mapping of the tropical forest cover of insular Southeast Asia from SPOT4-Vegetation images, 3651
STOCKHAUSEN, J., *see* Varma, H.
STOKES, C. R. and CLARK, C. D.: Cover. Giant glacial grooves detected on Landsat ETM + satellite imagery, 905
STOLARSKI, R. S., *see* Huang, L. K.
STOLARSKI, R. S., *see* Jaross, G.
STOLARSKI, R. S., *see* Taylor, S. L.
STONER, C. J., *see* Pelkey, N. W.
STOW, D., COULTER, L. and BAER, S.: A frame centre matching approach to registration for change detection with fine spatial resolution multi-temporal imagery, 3873
STOW, D., DAESCHNER, S., HOPE, A., DOUGLAS, D., PETERSEN, A., MYNENI, R., ZHOU, L. and OECHEL, W.: Variability of the Seasonally Integrated Normalized Difference Vegetation Index Across the North Slope of Alaska in the 1990s, 1111
STOW, D. A., *see* Hope, A. S.
STOW, D. A., *see* Peterson, S. H.
STOWE, L., *see* Sullivan, J.
STRAHLER, A. H., *see* Su, L.
STROPPIANA, D., *see* Carreiras, J. M. B.
STROPPIANA, D., GRÉGOIRE, J.-M. and PEREIRA, J. M. C.: The use of SPOT VEGETATION data in a classification tree approach for burnt area mapping in Australian savanna, 2131
SU, L., LI, X., LIANG, S. and STRAHLER, A. H.: Simulation of scaling effects of thermal emission from non-isothermal pixels with the typical three-dimensional structure, 3743
SU, Z., *see* Li, Z.-L.
SU, Z., *see* Jia, L.
SUGIMORI, Y., *see* Kunte, P. D.
SUGIMURA, T., *see* Tanaka, M.
SUH, M., *see* Li, P.
SULLIVAN, J. and STOWE, L.: Eulogy for Nagaraja Rao, 211

SULLIVAN, J. T., *see* Heidinger, A. K.
SUN, H.-B., WANG, S.-L., LIU, G.-S. and NI, J.-L.: The changeable sampling-rate processing technology with application to SAR–MTD, 3033
SUSAKI, J. and SHIBASAKI, R.: Variance gain index for detection of boundary points in discrete one-dimensional data, 189
SVEINSSON, J. R., *see* Ulfarsson, M. O.
SYKIOTI, O., KONTOES, C. C., ELIAS, P., BRIOLE, P., SACHPAZI, M., PARADISSIS, D. and KOTSIS, I.: Ground deformation at Nisyros volcano (Greece) detected by ERS-2 SAR differential interferometry, 183

TABACCO, E., *see* Bianchi, C.
TACONET, O., *see* Zribi, M.
TAKEUCHI, N., *see* Tetuko S.S., J.
TAKEUCHI, S., *see* Yonezawa, C.
TALLET, N., *see* Jacob, F.
TAMAI, N., *see* Tanaka, M.
TAMURA, M., *see* Chen, Z.
TAMURA, M., *see* Yamano, H.
TANAKA, M., SUGIMURA, T., TANAKA, S. and TAMAI, N.: Flood–drought cycle of Tonle Sap and Mekong Delta area observed by DMSP-SSM/I, 1487
TANAKA, S., *see* Tanaka, M.
TANAKA, S., *see* Yamaguchi, Y.
TANSEY, K., *see* Grégoire, J.-M.
TANSOCK, J., *see* Hansen, S.
TANSOCK, J., *see* Sullivan, J.
TANSOCK, J.: Preface, 213
TANSOCK, J. J., HANSEN, S., PASKETT, K., SHUMWAY, A., PETERSON, J., STAUDER, J., GORDLEY, L. L., WANG, Y., MELBERT, M., RUSSELL III, J. M. and MLYNCZAK, M. G.: SABER ground calibration, 403
TANTON, T. W., *see* El-Magd, I. A.
TARCHI, D., *see* Pieraccini, M.
TARPLEY, D., *see* Romanov, P.
TATEISHI, R., *see* Tetuko S.S., J.
TAYLOR, G. R., *see* Dehaan, R.
TAYLOR, J. C., *see* Theseira, M. A.
TAYLOR, S. L., *see* Huang, L. K.
TAYLOR, S. L., *see* Jaross, G.
TAYLOR, S. L., CEBULA, R. P., DELAND, M. T., HUANG, L.-K., STOLARSKI, R. S. and MCPETERS, R. D.: Improved calibration of NOAA-9 and NOAA-11 SBUV/2 total ozone data using in-flight validation methods, 315
TEGGI, S., *see* Corradini, S.
TEGGI, S., CECCHI, R. and SERAFINI, F.: TM and IRS-1C-PAN data fusion using multiresolution decomposition methods based on the 'a tròus' algorithm, 1287
TETUKO, S. S., J., TATEISHI, R. and TAKEUCHI, N.: A physical method to analyse scattered waves from burnt coal seam and its application to estimate thickness of fire scars in central Borneo using L-Band SAR data, 3119
TETUKO, S.S., J., TATEISHI, R. and TAKEUCHI, N.: Estimation of burnt coal seam thickness in central Borneo using JERS-1 SAR data, 879
THENKABAIL, P. S.: Biophysical and yield information for precision farming from near-real-time and historical Landsat TM images, 2879
THENKABAIL, P. S., *see* Black, S. E.
THESEIRA, M. A., THOMAS, G., TAYLOR, J. C., GEMMELL, F. and VARJO, J.: Sensitivity of mixture modelling to end-member selection, 1559

THOMAS, G., *see* Theseira, M. A.
THOMPSON, A., *see* Pollock, D. B.
THOMSON, A. G., FULLER, R. M., YATES, M. G., BROWN, S. L., COX, R. and WADSWORTH, R. A.: The use of airborne remote sensing for extensive mapping of intertidal sediments and saltmarshes in eastern England, 2717
THORNE, M. T., *see* Rothery, D. A.
TIAN, Y., *see* Lotsch, A.
TICEHURST, C., *see* Held, A.
TIESZEN, L. T., *see* Ricotta, C.
TONYÉ, E., *see* Akono, A.
TORRES, F., *see* Camps, A.
TORRES-VERA, M. A. and PROL-LEDESMA, R. M.: Spectral enhancement of selected pixels in Thematic Mapper images of the Guanajuato district (Mexico) to identify hydrothermally altered rocks, 4357
TOSI, G., *see* Belward, A.
TOSITTI, L., *see* Barbini, R.
TOUTIN, Th.: Block bundle adjustment of Ikonos in-track images, 851
TOUTIN, T., *see* Closson, D.
TOWNSHEND, J. R., *see* Ouaidrari, H.
TOWNSHEND, J. R. G., *see* Huang, C.
TRAUTMANN, J., *see* Raffy, M.
TREADON, R. E., *see* Jin, M.
TRELOAR, P. J., *see* Leech, D. P.
TSIOURLIS, G., *see* Hostert, P.
TSUCHIDA, S., *see* Yamaguchi, Y.
TUBERTINI, O., *see* Barbini, R.
TURKER, M. and SAN, B. T.: SPOT HRV data analysis for detecting earthquake-induced changes in Izmit, Turkey, 2439
TURNER, D., *see* Woodhouse, I. H.
TZANIS, C., *see* Efstathiou, M. N.

UDELHOVEN, T., *see* Hostert, P.
ULFARSSON, M. O., BENEDIKTSSON, J. A. and SVEINSSON, J. R.: Data fusion and feature extraction in the wavelet domain, 3933

VAINIO, T., *see* Kelhä, V.
VALKS, P. J. M., PITERS, A. J. M., LAMBERT, J. C., ZEHNER, C. and KELDER, H.: A Fast Delivery system for the retrieval of near real-time ozone columns from GOME data, 423
VALOUR, E., *see* Rubio, E.
VANDEPOLL, M., *see* Mason, D. C.
VAN DER A, R. J., PITERS, A. J. M., VAN OSS, R. F. and ZEHNER, C.: Global stratospheric ozone profiles from GOME in near-real time, 4969
VANDERBLOEMEN, J., *see* Hu, C.
VAN DER MEER, F.: Bayesian inversion of imaging spectrometer data using a fuzzy geological outcrop model, 4301
VAN DER MEER, F., *see* Gamba, P.
VAN DER MEER, F., *see* Kariuki, P. C.
VANDERPOST, C., *see* Ringrose, S.
VAN GENDEREN, J. L., *see* Zhang, X.
VAN NIEL, T. G., MCVICAR, T. R., FANG, H. and LIANG, S.: Calculating environmental moisture for per-field discrimination of rice crops, 885
VAN OOSTEN, H., *see* Liu, X.-H.

Van Oss, R. F., *see* van der A, R. J.
Van Wagtendonk, J. W. and Root, R. R.: The use of multi-temporal Landsat Normalized Difference Vegetation Index (NDVI) data for mapping fuel models in Yosemite National Park, USA, 1639
Van Wyk De Vries, B., *see* Kerle, N.
Varjo, J., *see* Theseira, M. A.
Varma, H., Fadaie, K., Habbane, M. and Stockhausen, J.: Technical note. Confusion in data fusion, 627
Varotsos, C. A., *see* Efstathiou, M. N.
Varshney, P. K., *see* Chen, H.-M.
Vasconcelos, M. J. P., *see* Sá, A. C. L.
Veljanovski, T., *see* Oštir, K.
Venäläinen, A., *see* Kelhä, V.
Venus, H., *see* Oertel, D.
Venuti, G., *see* Reguzzoni, M.
Verbeke, L. P. C., *see* Mertens, K. C.
Verhoef, P. N. W., *see* Kariuki, P. C.
Verhoef, W., *see* Jia, L.
Vermote, E. F., *see* Ouaidrari, H.
Verron, J., *see* Garnier, E.
Vianna, M. L., *see* Braga, C. Z. F.
Viau, A. A., *see* Mathieu, R.
Vidal-Madjar, D., *see* Zribi, M.
Villegas, D., *see* Royo, C.
Voronovich, A. G., *see* Shrira, V. I.
Van Wyk De Vries, B., *see* Kerle, N.
Vyas, N. K., Dash, M. K., Bhandari, S. M., Khare, N., Mitra, A. and Pandey, P. C.: On the secular trends in sea ice extent over the antarctic region based on OCEANSAT-1 MSMR observations, 2277
Vyas, S. P., Steven, M. D., Jaggard, K. W. and Xu, H.: Comparison of sugar beet crop cover estimates from radar and optical data, 1071

Wadsworth, R. A., *see* Thomson, A. G.
Wagle, B. G., *see* Kunte, P. D.
Walker, A. E., *see* Goïta, K.
Walker, A. E., *see* Sokol, J.
Wallin, D. O., *see* Call, K. A.
Walter, I., *see* Oertel, D.
Walton, R., *see* White, W. H.
Wan, Z., *see* Li, Z.-L.
Wan, Z., *see* Jia, L.
Wang, C., *see* Li, X.
Wang, J. and Li, W.: Comparison of methods of snow cover mapping by analysing the solar spectrum of satellite remote sensing data in China, 4129
Wang, J., *see* Liu, X.
Wang, J., *see* Zhang, Q.
Wang, J., Rich, P. M. and Price, K. P.: Temporal responses of NDVI to precipitation and temperature in the central Great Plains, USA, 2345
Wang, S. J., *see* Dai, F. C.
Wang, S.-L., *see* Sun, H.-B.
Wang, X., *see* Davis, C. H.
Wang, Y., *see* Tansock, J. J.
Wang, Z. G., *see* Ma, J. W.

WANNÄS, K. O., *see* Shaghude, Y. W.
WANNEBO, A. and ROSENZWEIG, C.: Remote sensing of US cornbelt areas sensitive to the El Niño-Southern Oscillation, 2055
WEGENER, S., *see* Peterson, D. L.
WEHRENS, R., *see* Kooistra, L.
WEIDONG, L., BARET, F., XINGFA, G., BING, Z., QINGXI, T. and LANFEN, Z.: Evaluation of methods for soil surface moisture estimation from reflectance data, 2069
WELLEMEYER, C. G., *see* Jaross, G.
WESTAWAY, R. M., LANE, S. N. and HICKS, D. M.: Remote survey of large-scale braided, gravel-bed rivers using digital photogrammetry and image analysis, 795
WETTLE, M., FERRIER, G., LAWRENCE, A. J. and ANDERSON, K.: Fourth derivative analysis of Red Sea coral reflectance spectra, 3867
WEYDAHL, D. J., *see* Eldhuset, K.
WHITE, W. H., HARBORNE, A. R., SOTHERAN, I. S., WALTON, R. and FOSTER-SMITH, R. L.: Using an Acoustic Ground Discrimination System to map coral reef benthic classes, 2641
WICKS, T. E. and CURRAN, P. J.: Flipping forests: estimating future carbon sequestration of the boreal forest using remotely sensed data, 835
WILLIAMS, N., *see* Held, A.
WILLIAMSON, R. A., *see* Fuller, D. O.
WILSON, J. D., *see* Mason, D. C.
WINTER, M., *see* Skelsey, C.
WOODHOUSE, I. H. and TURNER, D.: On the visualization of polarimetric response, 1377
WU, S. Y. and LIU, A. K.: Towards an automated ocean feature detection, extraction and classification scheme for SAR imagery, 935
WYNNE, R. H., *see* Bortolot, Z. J.

XIA, Y., MICHEL, G. W., REIGBER, Ch., KLOTZ, J. and KAUFMANN, H.: Seismic unloading and loading in northern central Chile as observed by differential Synthetic Aperture Radar Interferometry (D-INSAR) and GPS, 4375
XIAO, J., LI, J. and MOODY, A.: A detail-preserving and flexible adaptive filter for speckle suppression in SAR imagery, 2451
XIAO, X., *see* Liu, J. Y.
XIAO, X., *see* Salas, W. A.
XIAOBING, L., *see* Yunhao, C.
XINGFA, G., *see* Weidong, L.
XU, B., *see* Pu, R.
XU, B., GONG, P. and PU, R.: Crown closure estimation of oak savannah in a dry season with Landsat TM imagery: comparison of various indices through correlation analysis, 1811
XU, H., *see* Vyas, S. P.
XUE, Y., *see* Ma, J. W.

YACOBI, Y. Z., *see* Blumberg, D. G.
YACOBI, Y. Z., *see* Iluz, D.
YAMADA, H., *see* Singh, D.
YAMAGUCHI, Y. and NAITO, C.: Spectral indices for lithologic discrimination and mapping by using the ASTER SWIR bands, 4311
YAMAGUCHI, Y., *see* Ichii, K.
YAMAGUCHI, Y., *see* Singh, D.
YAMAGUCHI, Y., TANAKA, S., ODAJIMA, T., KAMAI, T. and TSUCHIDA, S.: Detection of a landslide movement as geometric misregistration in image matching of SPOT HRV data of two different dates, 3523

YAMANO, H., CHEN, J. and TAMURA, M.: Hyperspectral identification of grassland vegetation in Xilinhot, Inner Mongolia, China, 3171
YATES, M. G., *see* Thomson, A. G.
YAZICI, B., *see* Bilge, F.
YE, C.-S., JEON, B. M. and LEE, K.-H.: Digital elevation model combination using triangular image warping interpolation and maximum likelihood, 3683
YEĞINGIL, İ., *see* Emrahoğlu, N.
YEH, E. T., *see* Henderson, M.
YONEZAWA, C. and TAKEUCHI, S.: Effect of clouds on ESR SAR interferograms applied to land subsidence detection, 169
YOU, H., LIU, S., LI, S. and JIN, D.: Design of a three-dimensional near real-time image processing system, 3855
YUNHAO, C., XIAOBING, L., GUIFEI, J. and PEIJUN, S.: An estimation model for daily regional evapotranspiration, 199

ZEBKER, H. A., *see* Gelautz, M.
ZEHNER, C., *see* Bruzzone, L.
ZEHNER, C., *see* van der A, R. J.
ZEHNER, C., *see* Valks, P. J. M.
ZENDER, B., *see* Oertel, D.
ZHA, Y., GAO, J. and NI, S.: Use of normalized difference built-up index in automatically mapping urban areas from TM imagery, 583
ZHAN, H., *see* Chen, C.
ZHANG, B., *see* Shen, D. Y.
ZHANG, C., *see* Li, P.
ZHANG, N., *see* Rao, C. R. N.
ZHANG, Q., WANG, J., GONG, P. and SHI, P.: Study of urban spatial patterns from SPOT panchromatic imagery using textural analysis, 4137
ZHANG, R., *see* Li, Z.-L.
ZHANG, X., VAN GENDEREN, J. L., GUAN, H. and KROONENBERG, S.: Spatial analysis of thermal anomalies from airborne multi-spectral data, 3727
ZHENG, J., *see* Luo, J. C.
ZHOU, C. H., *see* Luo, J. C.
ZHOU, L., *see* Stow, D.
ZHOU, X. and LI, S.: Comparison between *in situ* and MODIS-derived spectral reflectances of snow and sea ice in the Amundsen Sea, Antarctica, 5011
ZHOU, Y., STEIN, A. and MOLENAAR, M.: Integrating interferometric SAR data with levelling measurements of land subsidence using geostatistics, 3547
ZHOU, Z., *see* Li, P.
ZHUANG, D. F., *see* Liu, J. Y.
ZHUKOV, B., *see* Briess, K.
ZHUKOV, B., *see* Oertel, D.
ZIBORDI, G., *see* Bulgarelli, B.
ZIRIZZOTTI, A., *see* Bianchi, C.
ZRIBI, M., GARCIA, J. C., AQID, N., ADAR, E. and CIARLETTI, V.: Modelling of ERS-2 radar backscattering over rocky arid regions, 5229
ZRIBI, M., LE HÉGARAT-MASCLE, S., TACONET, O., CIARLETTI, V., VIDAL-MADJAR, D. and BOUSSEMA, M. R.: Derivation of wild vegetation cover density in semi-arid regions: ERS2/SAR evaluation, 1335
ZUCCHERETTI, E., *see* Bianchi, C.